

A Complete Bibliography of *ACM Transactions on Applied Perception*

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254
FAX: +1 801 581 4148

E-mail: beebe@math.utah.edu, beebe@acm.org,
beebe@computer.org (Internet)
WWW URL: <http://www.math.utah.edu/~beebe/>

29 August 2016
Version 1.42

Title word cross-reference

- 2 [KPSL10, KHJK13, LPR06]. 3
[AW15, BSW10, BSHW14, EBPJ16,
GLT05b, HOH15, JDR08, KPSL10, Lav09,
OR04, Ste15, SK16, WPDH14, WBNF06]. **K**
[KDK⁺16].
- 1994** [Bar05a]. **1996** [FTB05, WK05b].
1997 [Bre05, MPC05]. **1998**
[BM05, EM05a, Fer05].
- 2000** [Vic05]. **2001** [SCS05]. **2002** [HR05b].
2003 [BS05a, GLT05a]. **2004** [vdD05a].
2010 [MB10]. **2012** [MS12]. **2013** [GS13].
2015 [KMS15]. **2016** [BT16]. **20s** [KVE16].

Abstract [SNW16, ZZ13]. **abstractions**
[MMS13]. **Acceleration** [RKS16].
accelerations [BSPB10]. **acoustic**
[FR08, LZG⁺13]. **across** [TGJ08]. **action**
[BSW10, ECOG11, NAB⁺11, ZNWK12,
ZAAC12]. **action-based** [ZNWK12].
Actions [NP15, KWSS08]. **activation**
[DKR⁺05]. **activation-based** [DKR⁺05].
activations [VSCM12]. **active** [TSRD07].
activity [BWG12]. **actual** [RFR09].
Adaptation [RBC14]. **adaptive** [LFM12].
addressing [GTAE04]. **Adult** [JAA⁺16].
advantages [WWA11]. **aesthetic** [TJL⁺11].
Affect [LCC15, GNP⁺10]. **affected**
[TSC13]. **Affective**
[LCC15, KWI09, MDR10]. **Affects**
[ZOH⁺15, ZNWK12]. **Affordance** [LRB15].
After [FM05, SB12]. **aid** [JSHG08, RDF11].

aided [SDW05]. **air** [PCK08]. **al** [BM05, FTB05, SCS05]. **algorithm** [MP09, SGF⁺10]. **Algorithmic** [WKM⁺15]. **Algorithms** [HBM⁺14, HFJS09, KYL⁺07, OAD⁺12, PJN⁺11]. **Alty** [Vic05]. **Ambient** [KDK⁺16, DCR06]. **Ambient/Focal** [KDK⁺16]. **Analysis** [BCD15, CLR10, MMSO15, BMGC05, CWB10, FCH09, FBT05, MB04, MP09, TKK⁺13]. **Analyzing** [NGJT13]. **Angiography** [ABK⁺15]. **Angle** [Ste15, HS12, TSRD07]. **Animals** [SNW16]. **Animated** [HCKH16, BAMB13, HJO⁺10, WBCB08]. **animating** [TCMH11]. **animation** [RO09]. **Animations** [VHBO14]. **anomalies** [HJO⁺10]. **APGV** [MB10]. **APGV07** [FL09]. **Appearance** [APK15]. **application** [AMR06, Lav09]. **applications** [KHJK13]. **Applied** [FL09]. **Applying** [MB04, PI08, YBC13]. **approach** [BGL⁺08, GEMA13, MO09b]. **approximate** [YCK⁺09]. **approximating** [JDR08]. **Area** [MW15]. **arm** [VGBF10]. **arousal** [VSCM12]. **Art** [SNW16, SMO⁺10]. **Arteriovenous** [ABK⁺15]. **artifact** [TKK⁺13]. **Artifacts** [HOH15, MGM12]. **Artists** [SNW16]. **Arts** [PHRE15]. **assess** [SAB07]. **assessed** [VCR08]. **Assessing** [HBW11, HBF16, WTWN16]. **assessment** [APP07, DCN⁺06, WK05a]. **Assisted** [DCRS15]. **assumptions** [MRT⁺10]. **asymmetric** [SMI06]. **Attention** [BFSV16, KDK⁺16, O'S05, FRC10, GMT09, HCS10, RTPG11]. **Attentional** [RTPG11]. **Attractiveness** [OEMO16]. **Audio** [MSHLR16, RBCK12, BSVDD10, LZG⁺13]. **audio-visual** [BSVDD10, LZG⁺13, RBCK12]. **audiovisual** [BJK13, GLT05b]. **Auditory** [AL15, FR08, OR04, RFR09, AZ10, Bar05a, Bar05b, BMGC05, BM05, EM05a, GDBP13, GLT05b, KW05, MB04, NW08, SCSG05, SCS05, WK05a]. **augmentations** [KMHO13]. **Augmented** [AL15, HFJS09, KWSS08, KMHO13, SDW05]. **augmented-reality** [KWSS08]. **auralization** [VA05, Vic05]. **Author** [GLT05a, MPC05, HR05b, Vic05]. **Automated** [KDCM15, SMO⁺10]. **automatic** [McN06, RVB05, TVR⁺11]. **auxiliary** [KMHO13]. **avatar** [KS12]. **avoidance** [FFW07]. **awareness** [MBCW10, ZCRTW12]. **balance** [WBN⁺11]. **Balancing** [KDCM15]. **Barrass** [Bar05a]. **Base** [RSM⁺15]. **Based** [BFSV16, CSUN05, LRB15, SXCS15, BS06, DKR⁺05, ENC⁺08, HR05b, HVM06, HDH10, KBP⁺13, MI07, MC05, MTCR⁺07, MDT09, RLH⁺08, SMS13, WMA12, ZC06, ZLO13, ZNWK12, vdD05b]. **Bayesian** [ECOG11]. **be** [FBT05, RVB05]. **Beauty** [CXZ14]. **Behavior** [BBE16, RPH10]. **Behaviors** [EBPJ16, SBR07]. **believable** [BSPB10]. **belt** [VVJD05]. **Benefits** [Ste15]. **between** [NGJT13, SNW16, WNW⁺07]. **bias** [HCS10]. **bidirectional** [FCH09]. **Big** [JSCR⁺15]. **Bimodal** [BGW11, BSVDD10]. **binning** [ECOG11]. **Biometric** [RKS16, KHJK13]. **Biometrics** [KHKP15]. **blending** [CLR12]. **Blind** [RSM⁺15]. **blinks** [TCMH11]. **Blur** [SK16, BJK13, LFM12, NCSG11]. **board** [WBN⁺11]. **bodies** [MEDO09]. **Body** [GFD⁺15, KHW⁺15, KSLM15, BWG12, MJH⁺09, MJM⁺09, NGJT13]. **body-worn** [BWG12]. **Bonebright** [BM05]. **both** [NAB⁺11]. **Braille** [LPHL05]. **Brain** [VCA16]. **Brain-Computer** [VCA16]. **Brewster** [Bre05]. **browsing** [Fer05, LZG⁺13]. **Brungart** [BS05a]. **bumps** [LBT08, VVHV10]. **Button** [KBL14]. **Calibration** [KSLM15, MTCR⁺07, DCR06, KTCR09]. **camera** [SMI06]. **can** [RVB05, RSPA⁺06]. **Case** [GFD⁺15]. **Categorization**

[VSWB07]. **Caudell** [MPC05]. **Caused** [HOH15]. **causes** [KBP⁺13]. **cellphones** [ZAAC12]. **center** [KBP⁺13]. **challenging** [OAD⁺12]. **change** [NZG⁺11]. **changes** [SDW05]. **Character** [WTWN16]. **Characteristics** [KHKP15]. **Characterization** [RRM⁺16, MAYKM13]. **characterize** [GEMA13]. **Characters** [HCKH16, HJO⁺10, LSRS10, MJH⁺09]. **check** [AG06]. **Chief** [IG15]. **Child** [JAA⁺16]. **Children** [SNW16]. **Chromatic** [BPFP16]. **chromaticity** [LXXB10]. **circular** [RVSP09]. **Clarke** [Bre05]. **classification** [MGM12]. **Classifying** [KWI09]. **Client** [SXCS15]. **Client-Server** [SXCS15]. **Clustering** [GEMA13, SMS13]. **Coach** [GFD⁺15]. **coding** [SMI06]. **Coefficient** [KDK⁺16]. **Cognitive** [MBCW10, RSPA⁺06, FRC10, HMS09, KWSS08]. **collected** [MP09]. **collection** [BMGC05]. **Collisions** [O'S05, BB13]. **Color** [APK15, AK16, CSUN05, KVE16, DBS⁺09, LPT⁺06, VSWB07]. **combination** [LXXB10]. **Comfort** [SWA14]. **Comments** [Bar05a, BM05, Bre05, BS05a, EM05a, Fer05, FTB05, SCS05, WK05b, vdd05a, GLT05a, HR05b, MPC05, Vic05]. **Communication** [SXCS15]. **Comparative** [HBM⁺14, AMR06]. **Comparing** [NCVW10, OAD⁺12]. **Comparison** [GLT05b, SNW16, SB12]. **Compensating** [SXCS15]. **complex** [VCR08]. **complexity** [HMS09]. **Components** [CKWB05, RLV⁺10]. **Composite** [TLS⁺15]. **composites** [FHC04]. **Composition** [WKM⁺15, LME10]. **comprehensive** [Bar05a]. **compressed** [SMI06]. **computation** [TGJ08]. **Computational** [FRC10, BGL⁺08, PI08]. **Computer** [DCRS15, FWN⁺14, HBF16, VCA16, SDW05, SII04, WBC⁺07]. **computer-aided-drawing** [SDW05]. **Computer-Assisted** [DCRS15]. **Computer-Generated** [FWN⁺14, HBF16, WBC⁺07]. **concurrent** [MB04]. **conferences** [KW05]. **configuration** [BS05b]. **considerations** [NCSG11]. **constancy** [CWT⁺05]. **Constant** [Ste15]. **Consumer** [VCA16]. **Consumer-Grade** [VCA16]. **contact** [SAB07, WH08]. **Content** [BFSV16, RLH⁺08]. **context** [EPO11]. **contingent** [MDT09, WMA12]. **Contrast** [MGVM16, MI07, MMS06]. **Contributions** [RM16]. **control** [APP07, BOK10, KPAA10, LPO09, MM13, MAYKM13, NVW13, SGF⁺10, WWA11, ZZ13]. **controlled** [HU11, LBWP07]. **Conventional** [MGVM16, NCVW10]. **Conversational** [CKWB05]. **conversations** [MEDO09]. **Cornsweet** [AR08]. **correction** [DCR06]. **Correlates** [WKM⁺15]. **correspondence** [NGJT13]. **Craik** [AR08]. **creating** [FHC04]. **crossmodal** [GMT09, RTPG11]. **crowds** [EPO11]. **Crystallization** [HR05a]. **cue** [FCH⁺07, KBP⁺13]. **cue-based** [KBP⁺13]. **Cueing** [BJK13, RTPG11]. **Cues** [FB05, KHW⁺15, MSHLR16, RKS16, EML13, JSHG08, LSRR13, PCK08, RVB05, RFR09]. **Cunningham** [SCS05]. **cursor** [LBT08]. **curvature** [AASH⁺12]. **Curve** [AASH⁺12]. **curving** [KBL⁺06]. **Cutaneous** [PTP14]. **CyberWalk** [SGS⁺11].

D [AW15, BSW10, BSHW14, EBPJ16, GLT05b, HOH15, JDR08, KPSL10, KHJK13, LPR06, Lav09, OR04, Ste15, SK16, WPDH14, WBNF06]. **Data** [BMGC05, FBT05, NW08, Bar05b, FTB05, HDH10, LME10, MP09]. **data-driven** [HDH10]. **databases** [HR05a]. **Day** [KRV⁺14]. **Day-for-Night** [KRV⁺14]. **Daylighting** [MMSO15]. **definition** [HMS09]. **Deformation** [KFSN16, AJML13, LPHL05]. **degree** [ZLO13]. **Delay** [SXCS15]. **Density** [WKM⁺15, NW08]. **dependencies** [VCR08].

depiction [WBNF06]. **Depth** [HOH15, ZOH⁺15, EML13, HHL10, KMHO13, WP10, YBC13]. **derive** [BSW10]. **Description** [CBB⁺14]. **Design** [BCD15, BC05, EM05a, EM05b, GMT09, RDF11, WK05b, WMVO05]. **designing** [AMR06]. **Desktop** [FTB05, FBT05]. **desynchronization** [MEDO09]. **detail** [PDZ05]. **Detection** [MGM16, NJS06, VCA16, GDBP13, KSM⁺05, LZG⁺13, WMA12, WMS08]. **Determine** [CKWB05]. **Development** [HJ07]. **device** [LKTH06, SHBK05]. **Devices** [MSHLR16, AAM08]. **diagrams** [WB04]. **Difference** [DCRS15, LPT⁺06]. **Differences** [RNLH16, RPH10, FCH⁺07, TGT⁺09, ZCRTW12]. **Different** [JAA⁺16, TSC13]. **differently** [ZNWK12]. **dimensional** [HR05a, WMVO05]. **dimensions** [WM08]. **direct** [FM05]. **direction** [BSH⁺06, MBG09, PI08]. **Discerning** [KDK⁺16]. **Discrete** [MW15]. **Discrimination** [RM16, SK16, TSRD07, BSH⁺06, HJ07, VGBF10]. **Disparity** [KRV⁺14, CLR10]. **Displacement** [KBP⁺13, MGM16, DFZ⁺05]. **Display** [LPHL05, Bar05a, Bar05b, BS05b, BS05a, DFZ⁺05, EML13, GDBP13, GBLR10, HJ07, KW05, SCS05, WMVO05, WCCRT09]. **Displays** [HOH15, LLBM15, MD05, MGVM16, SWA14, WPDH14, BM05, CLR10, HHL10, LFM12, MLK⁺06, PCK08, SCSG05, WK05a, ZNWK12]. **distal** [RTPG11]. **Distance** [AL15, MD05, PKCR05, FR08, FLKB07, GNP⁺10, KTCR09, NAB⁺11, NZG⁺11, RBCK12, SCRTW05, WCCRT09, ZNWK12]. **Distances** [LLBM15]. **Distinctiveness** [BGL⁺08, OEMO16]. **Distinguishing** [SNW16]. **Distortion** [AW15, KBP⁺13]. **distortions** [CLR10]. **distractions** [MBG09]. **Do** [RDF11, SB12]. **Doel** [vdD05a]. **does** [GNP⁺10]. **don't** [HU11]. **dots** [LPHL05]. **Down** [MGM16]. **drawing**

[SDW05]. **driven** [HDH10]. **Driving** [BBE16]. **During** [EBPJ16, BSHW14, FFW07, FCH⁺07, GTAE04, JWB12, LAE09, MGVM16, VSCM12]. **Dynamic** [KFSN16, EML13, LSRS10, MMS06, NCVW10, RDLTS04]. **earcon** [MB04]. **earcons** [MB04]. **edges** [ACMS10]. **Editing** [VHBO14]. **Editorial** [Int06, MB10, PK07, RB04, RB08, Rus05, Tho07, BO09, CRM09, FL09, HE05]. **Editors** [IG15]. **Editors-in-Chief** [IG15]. **Edwards** [EM05a]. **EEG** [MGM12]. **Effect** [NP15, RO09, SXCS15, ZHRM15, AJML13, CWT⁺05, MJH⁺09, PJN⁺11]. **Effectiveness** [KWSS08, PW10, ZCRTW12]. **Effects** [BBE16, KSLM15, LKTH06, NW08, NZG⁺11, RRM⁺16, SMI06, SWA14, EPO11, GTAE04, KTCR09, WCCRT09]. **efficacy** [LPO09]. **efficient** [LZG⁺13]. **Egocentric** [LLBM15, RBCK12]. **Elastic** [AJML13]. **elasticity** [AJML13]. **electro** [WMA12]. **electro-ocular-graph-based** [WMA12]. **electromyographic** [NJS06]. **embodied** [SBR07]. **Embodiment** [KSLM15]. **Emotion** [GFD⁺15, MJM⁺09]. **Emotional** [WKM⁺15, NTKA12]. **Emotions** [ZHRM15, GEMA13]. **Empirical** [EBPJ16, VA05, BSW10]. **employing** [MRT⁺10]. **Emulating** [ECOG11]. **Enabling** [SGS⁺11]. **encoded** [WMS08]. **enhance** [RVSP09]. **enhanced** [BC05, Bre05]. **Enhancement** [ABK⁺15, MI07]. **Enhancing** [KSM⁺05, PCK08, ZAAC12]. **enough** [ONS12]. **entities** [SMS13]. **Entropy** [KDS⁺15, ZZ13]. **Environment** [AL15, RSM⁺15, APP07, LSRS10, MTCT⁺07, MRT⁺10, RPH10, WBN⁺11]. **Environments** [BSHW14, EBPJ16, LRB15, RBC14, RRM⁺16, SXCS15, BB13, BSVDD10, FFW07, FCH⁺07, FLKB07, GNP⁺10, HBW11, JWB12, KBP⁺13,

KCRT08, LPO09, LBWP07, MBCW10, MC05, NAB⁺11, NZG⁺11, PK07, PI08, PKCR05, RBCK12, SCRTW05, SAB07, SGS⁺11, WCCRT09, WNW⁺07]. **error** [LPO09]. **errors** [RO09]. **estimating** [RDLTS04]. **Estimation** [FLKB07, RNLH16, GDBP13, GNP⁺10, LXXB10, NW08, RLH⁺08]. **Estimations** [RNLH16]. **EuroHaptics** [HE05]. **Evaluating** [APK15, AK16, HHO05, HCKH16, KPSL10, KYL⁺07, LCC15, MJH⁺09, RLV⁺10, WBCB08, ZCRTW12, BMGC05]. **Evaluation** [BM05, EML13, EBPJ16, JDR08, LPT⁺06, MLK⁺06, VGBF10, VHBO14, WBC⁺07, WBN⁺11, AR08, BBD⁺09, BC05, DFZ⁺05, HJ07, HDH10, LME10, SGF⁺10]. **evaluations** [NCVW10]. **event** [LZG⁺13]. **Evidence** [WAH⁺15]. **EvoFIT** [FHC04]. **evoked** [KWI09, MAYKM13]. **evolutionary** [FHC04]. **Example** [CSUN05]. **Example-Based** [CSUN05]. **exerting** [DFZ⁺05]. **expect** [SB12]. **experiences** [VSCM12]. **experiment** [RPH10]. **experimental** [WK05a]. **Experiments** [OR04, GB08, WMVO05]. **Experts** [DCRS15]. **exploiting** [HCS10]. **Exploration** [Ste15]. **exploratory** [CWB10]. **explore** [HBW11, WBN⁺11]. **Exploring** [AZ10, McN06, ZHRM15]. **Exposure** [SWA14]. **expressionism** [SMO⁺10]. **Expressions** [CKWB05, NP15, GEMA13, KWI09, WBC⁺07, WBCB08]. **expressive** [MDR10]. **Expressiveness** [DCRS15]. **extended** [ZLO13]. **extraction** [WBNF06]. **Eye** [LLBM15, RKS16, KVJG10, LFM12, LME10, MP09, NTKA12, TCMH11]. **eye-tracking** [LME10]. **eyegaze** [AMR06]. **Face** [FWN⁺14, NP15, VCA16, ZC06, BS06, OAD⁺12, PJN⁺11, SB12, ZLO13]. **faces** [BGL⁺08, TGJ08]. **Facial** [CXZ14, CKWB05, HCKH16, NP15, FHC04, KWI09, NJS06, SB12, VSCM12, WBC⁺07, WBCB08]. **Facilitate** [ABK⁺15, AC11]. **facilitated** [RFR09]. **facilitation** [BGW11]. **factors** [RSPA⁺06]. **False** [AK16]. **familiarity** [ZLO13]. **fast** [ONS12]. **faster** [LZG⁺13]. **faster-than-real-time** [LZG⁺13]. **feasibility** [LPHL05]. **feature** [CKWB06]. **features** [ZC06]. **Feedback** [EBPJ16, KBL14, PTP14, AZ10, KL06, LKTH06, LBWP07]. **feedback-controlled** [LBWP07]. **Fernström** [Fer05]. **Fidelity** [APK15, HCS10, McN06, MRT⁺10]. **Field** [ZOH⁺15, LPR06, NAB⁺11, WCCRT09]. **Film** [WAH⁺15, CST⁺10]. **finger** [TSRD07]. **First** [DFZ⁺05]. **Fixations** [PHRE15, KVJG10, MP09, SMS13]. **fixed** [LPO09]. **FixTag** [MP09]. **flow** [PW10]. **Flowers** [FTB05]. **Foot** [JSCR⁺15, SHBK05]. **Force** [CWT⁺05, PTP14, BSH⁺06, DFZ⁺05, KL06, LKTH06, VGBF10]. **force-feedback** [KL06, LKTH06]. **forward** [BSPB10]. **foundations** [FRC10]. **foveal** [TGT⁺09]. **Frame** [WAH⁺15]. **Frame-Rate** [WAH⁺15]. **framework** [Bar05a, Bar05b, FSG09, MMS06, YBC13]. **FrankenFolk** [OEMO16]. **frequency** [DRT07, LPEP12, ZC06]. **frontal** [SB12]. **frowning** [SII04]. **Full** [GFD⁺15, NP15]. **Full-Body** [GFD⁺15]. **Full-Face** [NP15]. **Functional** [WNW⁺07]. **functions** [FCH09]. **fused** [DCN⁺06]. **gain** [LPO09]. **Game** [KDCM15]. **games** [BSW10]. **Gap** [JSCR⁺15]. **Gaze** [BSHW14, KDS⁺15, WPDH14, WMA12, BSW10, ENC⁺08, FCH09, HU11, KPAA10, MBG09, MDT09, NVW13, PI08, WWA11]. **gaze-based** [ENC⁺08]. **Gaze-contingent** [WMA12, MDT09]. **Gaze-to-Object** [BSHW14]. **Gazing** [SII04]. **Gender** [FCH⁺07, ZHRM15]. **Generated** [FWN⁺14, HBF16, WBC⁺07]. **Generating**

- [SDBRC13]. **Gestural** [CBB⁺14]. **Gesture** [MSHLR16, AZ10, MM13]. **gestures** [RM12]. **get** [HU11]. **Glare** [MGVM16]. **glideslope** [KPA10]. **global** [HFJS09, VSWB07]. **Glyphs** [MW15, Ste15]. **Grade** [VCA16]. **gradient** [RTPG11]. **Graph** [SMS13, WMA12]. **Graph-based** [SMS13]. **Graphics** [FL09]. **graphs** [NW08, WM08]. **Gröhn** [GLT05a]. **grounding** [YB04]. **Guest** [BO09, CRM09, FL09, Int06, Rus05, Tho07]. **guided** [HCS10]. **guidelines** [CST⁺10].
- Hand** [WTWN16, AAM08, VGBF10]. **hand-arm** [VGBF10]. **hand-held** [AAM08]. **Handling** [MO09a]. **Haptic** [BSH⁺06, BCD15, EBPJ16, SXCS15, AJML13, CWT⁺05, CKWB06, CWB10, DKR⁺05, GEMA13, HDH10, JSHG08, KSM⁺05, LBT08, PDZ05, RFR09, SHBK05]. **HapticWalker** [SHBK05]. **HDR** [APK15, AK16, KYL⁺07, SDBRC13]. **Head** [LCC15, LLBM15, MD05, JWB12, LAE09, RPH10, WCCRT09, ZNWK12]. **Head-Mounted** [LLBM15, MD05, WCCRT09, ZNWK12]. **Heading** [APP07, KBL⁺06]. **Heads** [CMR⁺05]. **Height** [LLBM15]. **held** [AAM08]. **Hermann** [HR05b]. **Hero** [KHW⁺15]. **heuristics** [BSW10]. **High** [KDCM15, EML13, HCS10, HR05a, MMS06, NCVW10]. **high-dimensional** [HR05a]. **high-dynamic-range** [EML13]. **high-fidelity** [HCS10]. **High-Level** [KDCM15]. **Higher** [WAH⁺15]. **HMD** [KTCR09, LRB15]. **HMD-Based** [LRB15]. **holes** [LBT08, VVHV10]. **holistic** [FHC04]. **Horizon** [MD05]. **Human** [FWN⁺14, SNW16, TVR⁺11, DKR⁺05, ECOG11, HJO⁺10, JSG09, KVJG10, LZG⁺13, SII04, TJL⁺11, VGBF10]. **Human-inspired** [TVR⁺11]. **Humans** [ZHRM15, OAD⁺12, SB12]. **Hybrid** [MDT09]. **Hypothesis** [CXZ14].
- ICAD** [Bar05a, BM05, Bre05, BS05a, EM05a, Fer05, FTB05, GLT05a, HR05b, MPC05, SCS05, Vic05, WK05b, vdd05a]. **Identification** [BFSV16, HBF16, HJ07, NW08, TSRD07]. **Identifying** [BOK10, TGJ08, MP09]. **II** [LKTH06]. **illumination** [DCR06, HFJS09, LXXB10, YCK⁺09]. **illusion** [AR08, RVSP09]. **Image** [AW15, BPFP16, FB05, NG06, RNLH16, LAE09, MDT09, RLH⁺08, RLV⁺10, SDBRC13, SLW⁺11, TGT⁺09, WMS08]. **image-processing** [RLV⁺10]. **Image-Quality** [RNLH16]. **image/model** [MDT09]. **image/model-based** [MDT09]. **imagery** [McN06, ONS12]. **Images** [ABK⁺15, CSUN05, FWN⁺14, MMSO15, AJML13, DCN⁺06, MI07, MMS06, MO09a, NCVW10, SDBRC13, SMI06, WP10]. **imaging** [FHC04]. **Immersive** [EBPJ16, KSLM15, JWB12, KS12, KCRT08, LSRS10, MBCW10, MC05]. **Impact** [KHKP15, WTWN16, MM13]. **impaired** [DKR⁺05]. **Impairments** [BPFP16]. **Implications** [GMT09]. **implicit** [HMS09]. **importance** [BAMB13]. **Impressionism** [SMO⁺10]. **Improving** [DKR⁺05, HBF16, KMHO13, PTP14]. **Inconsistencies** [TLS⁺15]. **indicators** [SCRTW05, ZCRTW12]. **indirect** [YCK⁺09]. **Individual** [DCRS15, RNLH16, ZCRTW12]. **induced** [RVSP09]. **Influence** [RSM⁺15, BSH⁺06, NTKA12, RSPA⁺06, YCK⁺09]. **Influences** [HCKH16, MGM16, BB13]. **information** [BSH⁺06, FSG09, KPSL10, VCR08, VSWB07, YBC13]. **information-theoretic** [FSG09]. **infrared** [KWI09]. **Initial** [KVE16]. **Insights** [AMR06]. **inspired** [TVR⁺11]. **Integrating** [AC11]. **integration** [FCH⁺07]. **Intensity** [NP15]. **Intentions** [KHW⁺15, MDR10]. **Interaction** [EBPJ16, MSHLR16, SII04]. **Interactions** [KBL14]. **Interactive** [Ste15],

- AASH⁺12, PI08, TSC13, WB04, ZZ13]. **interface** [AAM08, LBWP07, YB04]. **Interfaces** [VCA16, AZ10, GMT09]. **interference** [HBW11]. **Interlacing** [HOH15]. **internal** [RDLTS04]. **international** [KW05]. **interpolation** [SLW⁺11]. **Interpretation** [RLH⁺08]. **Interpretation-based** [RLH⁺08]. **Interventions** [ABK⁺15]. **Introduction** [BT16, GS13, KMS15, MS12]. **Intuitiveness** [LSRR13]. **inverse** [WH08]. **Investigating** [HHL10, MJM⁺09, WKM⁺15, ENC⁺08]. **investigation** [HFJS09]. **isotropic** [HVM06]. **Issue** [BT16, KMS15, FL09, GS13, HE05, MB10, MS12]. **ITMOs** [APK15].
- joint** [SMS13, TSRD07]. **joint-angle** [TSRD07]. **JPEG** [SMI06]. **Judging** [DCRS15]. **Judgments** [LRB15, KTCR09, KMHO13, SAB07, WCCRT09, ZNWK12].
- kinematics** [WMVO05]. **Kramer** [WK05b].
- Lamps** [KFSN16]. **language** [TVR⁺11, YB04]. **Latency** [BBE16]. **lateral** [DFZ⁺05, LPHL05]. **Laughter** [NP15]. **LDR** [SDBRC13]. **Lead** [AAM08]. **Lead-me** [AAM08]. **Learning** [RVB13, DKR⁺05, GBLR10, KS12, KWSS08, YB04, ZAAC12]. **learns** [KS12]. **Ledge** [LRB15]. **less** [KBP⁺13]. **Level** [FB05, KDCM15, PDZ05]. **level-of-detail** [PDZ05]. **Lighting** [TLS⁺15, BAMBI13, NCVW10, TGJ08]. **limb** [BOK10]. **limits** [HS12, LPR06]. **Linear** [KHJK13, MW15, SB12]. **Linearities** [TCP⁺14]. **link** [WB04]. **liquid** [vdD05b]. **listeners** [RPH10]. **load** [HMS09]. **Local** [VSWB07, AJML13, Lav09]. **Localization** [WPDH14]. **locomotion** [KCRT08, LBWP07, MTCR⁺07]. **locomotor** [WWA11]. **LOD** [DBS⁺09]. **Lokki** [GLT05a]. **Long** [SWA14]. **look** [HU11]. **Looking** [PHRE15]. **Low** [FB05]. **Low-Level** [FB05]. **LSB** [WMS08]. **LSB-encoded** [WMS08]. **lumigraphs** [MO09b].
- Machine** [SNW16]. **Magnitude** [HCKH16, VGBF10]. **Make** [KFSN16]. **Making** [SGF⁺10]. **Malformation** [ABK⁺15]. **management** [DBS⁺09]. **manipulate** [KS12]. **Manipulating** [CKWB05]. **manipulation** [FM05, NVW13]. **Manipulations** [LLBM15]. **map** [ZAAC12]. **Mapping** [BSHW14, AG06, GB08]. **Mappings** [WK05a]. **Maps** [AK16]. **Marking** [KW05]. **masking** [Lav09]. **material** [BSVDD10, HJ07]. **Materials** [FB05]. **mathematical** [KHJK13]. **maximized** [LZG⁺13]. **McGurk** [CMR⁺05]. **McNamara** [Fer05]. **me** [AAM08]. **Means** [PTP14]. **measure** [HMS09, Lav09]. **measurement** [GNP⁺10, KBL⁺06, KWI09]. **measures** [McN06]. **Measuring** [ZLO13]. **mechanical** [WCCRT09]. **mechanically** [VVHV10]. **mechanics** [WH08]. **media** [SGA⁺07]. **mediation** [KWSS08]. **memory** [MRT⁺10]. **Mesh** [KVJG10, FSG09]. **meshes** [Lav09]. **Message** [IG15]. **metaphors** [WK05a, WK05b]. **Method** [MMSO15, BB13, GNP⁺10]. **Methodology** [AK16, EM05b]. **Methods** [CMR⁺05, DCN⁺06, JDR08]. **Miner** [MPC05]. **Minification** [ZNWK12]. **mirrors** [AC11]. **Mitsopoulos** [EM05a]. **Mobile** [KBL14, MSHLR16, ONS12, WWA11]. **Mode** [NP15]. **Model** [HR05b, KHKP15, HVM06, KHJK13, LPT⁺06, SB12, SVHS06]. **Model-based** [HR05b]. **Modeling** [SBR07, TJL⁺11, TCMH11, WWA11, PW10]. **Models** [APK15, CMR⁺05, HHO05, NVW13, KBP⁺13, RDLTS04, vdD05b]. **modification** [LBT08]. **mono** [WP10].

monocular [EML13]. **Motion** [HCKH16, JAA⁺16, KHW⁺15, MSHLR16, OEMO16, VHBO14, WTWN16, WB04, ZHRM15, BSPB10, BOK10, CLR12, DRT07, FLKB07, JWB12, LPR06, LAE09, MJH⁺09, MAYKM13, MTCR⁺07, NCSG11, NGJT13, RSPA⁺06, RFR09, RVSP09, TSDR07]. **motion-field** [LPR06]. **motivated** [CST⁺10, SLW⁺11]. **Mounted** [LLBM15, MD05, WCCRT09, ZNWK12]. **Mouse** [BFSV16, KL06]. **Movement** [GFD⁺15, HCS10, LAE09]. **Movements** [BFSV16, RKS16, NTKA12]. **Moving** [RVSP09, RBCK12]. **MR** [ABK⁺15]. **Multidimensional** [CWB10]. **multimedia** [BJK13]. **Multimodal** [BWG12, LCC15, RM16, GMT09, YB04]. **multiple** [AC11, LSRS10]. **multiscale** [LPT⁺06]. **multivariate** [RLV⁺10]. **multiview** [HHL10]. **muscles** [NJS06]. **Music** [DCRS15, WKM⁺15, AZ10, MDR10]. **Musical** [MGM16, VA05].

Natural [RM16, SVHS06, TGT⁺09, VSWB07, WMS08, WP10]. **natural-image** [TGT⁺09]. **navigation** [GBLR10, GLT05b, MLK⁺06, VVJD05]. **Near** [NAB⁺11, KWSS08]. **Near-field** [NAB⁺11]. **Negative** [LPO09, KWI09]. **networks** [NJS06]. **Neural** [PW10, NJS06]. **Night** [KRV⁺14]. **Nighttime** [MGVM16]. **NMF** [ZLO13]. **node** [WB04]. **nonvisual** [EM05b, JSHG08]. **normal** [DKR⁺05]. **novel** [AJML13, DFZ⁺05, SHBK05, WMVO05]. **Numerically** [RDLTS04]. **numerosity** [GDBP13].

Object [BSHW14, CKWB06, HU11]. **Objects** [KFSN16, CA13, NGJT13, RDLTS04]. **O'Brien** [AR08]. **observers** [ECOG11]. **Obstacle** [FFW07]. **occluders** [MO09a]. **ocular** [WMA12]. **Oculomotor** [KHKP15, KHJK13]. **off** [LRB15]. **Olfactory** [RBC14]. **omnidirectional** [SGS⁺11]. **omnistereoscopic** [CLR10]. **Online** [WPDH14]. **operator** [GB08]. **operators** [AR08, AG06]. **optically** [VVHV10]. **Optimal** [ONS12]. **Optimizing** [BS05b, BS05a]. **organization** [MDR10]. **orientation** [RPH10, ZCRTW12]. **other** [PJN⁺11]. **other-race** [PJN⁺11]. **Outdoor** [TLS⁺15].

pace [TSC13]. **painters** [SMO⁺10]. **painting** [ZZ13]. **pairs** [SDBRC13]. **palette** [BC05]. **panoramas** [CLR12]. **panoramic** [MO09a]. **Parameters** [KHKP15]. **Parametric** [LPEP12]. **part** [FBT05]. **participating** [SGA⁺07]. **path** [FCH⁺07, HHL10, KBL⁺06]. **path-searching** [HHL10]. **patients** [APP07]. **pedestrian** [EPO11, SAB07]. **Focal** [KDK⁺16]. **model-based** [MDT09]. **people** [KS12]. **Perceivably** [JAA⁺16]. **Perceived** [KBL14, KSLM15, SMI06, WKM⁺15, ZOH⁺15, BB13, DRT07, KBL⁺06, KL06, LKTH06, MJH⁺09, WP10]. **Perceiving** [AJML13]. **Perception** [BFSV16, CBB⁺14, CXZ14, CLR12, FWN⁺14, FB05, FL09, GFD⁺15, LAE09, MI07, MD05, NP15, RM12, SNW16, SLW⁺11, TLS⁺15, TGT⁺09, VVHV10, ZHRM15, AASH⁺12, BSVDD10, Can09, CA13, CWT⁺05, ENC⁺08, FR08, KBP⁺13, MJM⁺09, MMS13, NAB⁺11, NZG⁺11, OR04, PKCR05, RBCK12, RSPA⁺06, RDF11, SCRTW05, TJJ⁺11, YBC13]. **Perception-Based** [BFSV16, MI07]. **Perception-motivated** [SLW⁺11]. **Perceptions** [HCKH16, YB04]. **perceptive** [BBD⁺09]. **Perceptual** [AR08, AW15, BAMB13, EM05a, EPO11, HBM⁺14, LPR06, MM13, MAYKM13, MDR10, NCSG11, SCSG05, SGF⁺10, SGA⁺07, VCR08, VHBO14, YCK⁺09, Bar05b, BMGC05, JSG09, MMS06, McN06,

MO09a, MO09b, NG06, PCK08, RO09, WBCB08, WH08, WMVO05, ZZ13]. **Perceptually** [CST⁺10, CMR⁺05, HCS10, KFSN16, LCC15, HVM06]. **Perfect** [KBL14]. **performance** [DKR⁺05, GTAE04, HHL10, KBL⁺06, MBG09, MDR10, RLV⁺10]. **Performances** [DCRS15]. **peripheral** [DBS⁺09, TGT⁺09]. **Personal** [WAEG06]. **Personality** [GFD⁺15, HCKH16, WTWN16]. **phenomena** [BAMB13]. **Photo** [FWN⁺14]. **Physical** [EBPJ16]. **Physically** [vdD05b]. **physics** [vdD05a]. **physiological** [VSCM12]. **Picking** [KVE16]. **pictorial** [WP10]. **Pilot** [KPAA10]. **pipe** [FR08]. **pipeline** [BSW10]. **place** [WBN⁺11]. **places** [TKK⁺13]. **planar** [MMS13, RM12]. **Planning** [ABK⁺15]. **Plant** [KHKP15, KHJK13]. **plasticity** [SCSG05]. **platform** [BSPB10]. **plausible** [SVHS06]. **point** [NW08]. **point-estimation** [NW08]. **Pointing** [WP10]. **polar** [ZC06]. **Pole** [LRB15]. **Polygonal** [HHO05]. **poorer** [TGT⁺09]. **populations** [DKR⁺05]. **portable** [MP09]. **Portraits** [HBF16]. **Posed** [TCP⁺14]. **position** [KS12, TSRD07]. **positive** [KWI09]. **possibility** [RFR09]. **Possible** [LLBM15]. **potential** [HBW11]. **Predict** [KHW⁺15, PI08]. **predicted** [KBP⁺13]. **Predicting** [HHO05]. **prediction** [BSW10, LPT⁺06]. **predictions** [RDF11]. **Predictive** [BCD15]. **Predictor** [KDCM15]. **Prefer** [WAH⁺15]. **Preference** [TKK⁺13, FCH⁺07]. **preferences** [GTAE04]. **presence** [MBG09]. **Presentation** [AL15, NP15, GNP⁺10, WMA12]. **Press** [KBL14]. **pretended** [KWI09]. **principled** [EM05b]. **principles** [MB04, YBC13]. **problems** [WH08]. **procedures** [CWB10]. **processing** [MMS06, RLV⁺10]. **profile** [SB12]. **Program** [Vic05, VA05]. **Projection** [KFSN16, KBP⁺13]. **Propagation** [RRM⁺16]. **properties** [BSVDD10, WCCRT09]. **Proposed** [AK16]. **proprioception** [BOK10]. **prosthesis** [BOK10]. **protocol** [GNP⁺10]. **Proxemics** [LSRS10, KS12]. **proximal** [RTPG11]. **proximal-distal** [RTPG11]. **pseudo** [AJML13, LBT08]. **pseudo-haptic** [AJML13, LBT08]. **Psychoacoustic** [RRM⁺16]. **psychophysical** [HFJS09]. **psychophysically** [SVHS06]. **Psychophysics** [TGJ08]. **pulling** [AAM08]. **purposes** [MAYKM13].

Qualities [GFD⁺15, BMGC05]. **Quality** [BPFP16, KBL14, RNLH16, NCVW10, RLH⁺08, RLV⁺10, SMI06]. **Quantifying** [MRT⁺10, WP10]. **Quantity** [MW15]. **queries** [WB04].

race [PJN⁺11]. **radiologist** [AMR06]. **range** [EML13, MMS06, NCVW10]. **ranking** [SVHS06]. **rapid** [WB04]. **Rate** [WAH⁺15]. **ratings** [CKWB06]. **Reaches** [RSM⁺15]. **Reaching** [EBPJ16]. **reading** [BWG12, GTAE04]. **reading-related** [GTAE04]. **Real** [Can09, EBPJ16, LFM12, FFW07, GNP⁺10, LZG⁺13, McN06, NAB⁺11, NCVW10, ONS12, PK07, PKCR05, SCRTW05, SGF⁺10, WBC⁺07, WNW⁺07]. **Real-time** [LFM12]. **Real-world** [Can09, WBC⁺07]. **Realism** [FWN⁺14, BB13, ENC⁺08, WBCB08]. **Realistic** [CMR⁺05, VHBO14]. **Reality** [AL15, KSLM15, RM16, APP07, AG06, HFJS09, KS12, KWSS08, KMHO13, MBCW10, ONS12, RSPA⁺06, RVSP09, RVB13, SDW05, WAEG06]. **Recalibration** [KCRT08]. **Recognition** [RKS16, VCA16, BS06, BWG12, JSHG08, MB04, OAD⁺12, ONS12, PJN⁺11, SMO⁺10, TVR⁺11, ZC06]. **Reconstructing** [BFSV16]. **Redirected** [HBW11]. **Reduce** [LLBM15]. **reducing** [LFM12, LPO09]. **Reduction** [MGVM16]. **redundancy** [TVR⁺11]. **Reflections**

[Fer05]. **reflexlike** [RVB05]. **Region** [BS06]. **Region-based** [BS06]. **regulate** [VSCM12]. **regulation** [LSRR13]. **Reinforcement** [KS12]. **related** [GTAE04]. **relative** [KMHO13, WP10]. **rendering** [BGW11, BAMB13, BBD⁺09, HCS10, HDH10, JSG09, KYL⁺07, MDT09, NCSG11, PDZ05, PW10, SGA⁺07, KL06]. **replication** [RM12]. **representation** [LPEP12]. **representations** [BS06, WNW⁺07]. **Representing** [MW15]. **Reproducing** [RM16]. **reproduction** [AR08]. **resampling** [FCH09]. **resistive** [KL06, LKTH06]. **resolution** [GMT09, HS12]. **resonators** [OR04]. **Response** [BB13]. **responses** [NAB⁺11]. **resulting** [MTCR⁺07]. **Retargeting** [KRV⁺14]. **retrieval** [NG06]. **reversals** [NW08]. **revisited** [HR05b]. **Rhythmic** [WKM⁺15]. **Ritter** [HR05b]. **road** [GB08]. **Role** [CBB⁺14, DCRS15, BOK10, MJM⁺09, VSWB07]. **rotational** [KCRT08]. **roughness** [KL06, Lav09, LKTH06]. **Rules** [RNLH16]. **saccade** [WMA12]. **Saccadic** [RKS16]. **salience** [NTKA12]. **Saliency** [HH05, KDCM15, LZG⁺13, FSG09, HJO⁺10, KVJG10]. **Saliency-maximized** [LZG⁺13]. **sample** [GDBP13]. **Sampling** [BCD15, ONS12]. **SAP** [BT16, GS13, KMS15, MS12]. **Scale** [JSCR⁺15, NZG⁺11]. **scaling** [CWB10]. **Scatterplots** [Ste15]. **scenario** [BGW11, RO09]. **Scene** [JWB12, MGM16, RM16, AC11, EPO11, MB04]. **Scene-motion** [JWB12]. **Scenes** [TLS⁺15, ENC⁺08, NCVW10, SVHS06, VSWB07, WP10]. **schema** [MRT⁺10]. **schools** [SMO⁺10]. **science** [KW05]. **scientific** [Bar05b]. **Scotopic** [KRV⁺14]. **Screen** [JSG09]. **Screen-space** [JSG09]. **Search** [BSHW14, MBG09, AMR06, BJK13, TVR⁺11, VCR08]. **searching** [HHL10]. **seeing** [SB12]. **seen** [WH08]. **Segmentation** [ECOG11]. **selection** [FSG09, HU11]. **Selective** [Can09]. **self** [DRT07, RSPA⁺06, RFR09, RVSP09]. **self-motion** [DRT07, RSPA⁺06, RFR09, RVSP09]. **sensation** [AAM08]. **Sensitivity** [MEDO09, SWA14, DBS⁺09, RO09]. **sensorial** [MDR10]. **sensors** [BWG12]. **sensory** [YB04]. **separation** [SMI06]. **Sequences** [CKWB05, SLW⁺11]. **Server** [SXCS15]. **seven** [BS05b]. **seven-talker** [BS05b]. **sex** [MJH⁺09]. **Shadow** [HBM⁺14]. **Shape** [CA13, AASH⁺12, MJH⁺09, MJM⁺09, WBNF06]. **shapes** [JDR08]. **Shared** [SXCS15, LPO09]. **shear** [DFZ⁺05]. **Shinn** [SCS05]. **Shinn-Cunningham** [SCS05]. **shiny** [WBNF06]. **Should** [FBT05]. **sight** [MLK⁺06]. **Sighted** [RSM⁺15]. **sign** [TVR⁺11]. **Signals** [BCD15, NJS06]. **significant** [ACMS10]. **similar** [SCRTW05]. **similarities** [WNW⁺07]. **similarity** [CKWB06, NG06]. **Simplified** [HH05]. **simplify** [MP09]. **Simpson** [BS05a]. **simulated** [ENC⁺08, McN06, VVHV10]. **Simulating** [BSPB10, MGVM16, PHRE15, LBT08, TSC13]. **simulation** [RFR09]. **simulations** [MRT⁺10]. **Simultaneity** [KBL14]. **Simultaneous** [KBL⁺06]. **Single** [MGM12]. **Single-trial** [MGM12]. **Situations** [MGVM16]. **Size** [JSCR⁺15, LBT08, OR04]. **Sketching** [WBNF06]. **skin** [JSG09, KWI09, LPHL05]. **slip** [WMVO05]. **Smart** [KDCM15]. **Smiles** [TCP⁺14]. **Sneaking** [KHW⁺15]. **social** [VSCM12]. **Soft** [HBM⁺14]. **Soft-Shadow** [HBM⁺14]. **software** [FBT05]. **Solid** [MW15, JDR08]. **Solution** [LLBM15]. **sonic** [Fer05, RM12]. **Sonically** [Bre05, BC05]. **Sonically-enhanced** [Bre05]. **Sonification** [WK05b, AASH⁺12, FM05, FTB05, FBT05, HR05a, HR05b]. **Sound** [CBB⁺14, GDBP13, KW05, BGW11, FBT05, LPEP12, NGJT13, vdD05a].

sounds [MAYKM13, MC05, RVSP09, TSC13, vdD05b]. **Source** [CBB⁺14]. **Space** [KBP⁺13, KSLM15, GLT05b, JSG09, KWSS08, WP10, WAEG06]. **Spatial** [GBLR10, HOH15, MGM16, SCS05, TCP⁺14, BS05b, GMT09, HBW11, LPEP12, MBCW10, MLK⁺06, RVB05, RTPG11, SCSG05, WNW⁺07]. **spatialization** [MM13]. **spatialized** [BGW11]. **spatiochromatic** [DBS⁺09]. **spatiotemporal** [KPSL10]. **speakers** [RPH10]. **Special** [BT16, FL09, KMS15, GS13, HE05, MB10, MS12]. **specification** [EM05b]. **spectral** [HVM06]. **specular** [WBNF06]. **speech** [BS05b, BS05a]. **speed** [LBT08, LSRR13]. **spoken** [YB04]. **Spontaneous** [TCP⁺14]. **Sport** [GFD⁺15]. **standard** [FBT05]. **standing** [APP07]. **states** [KWI09, MBCW10]. **Static** [KFSN16]. **steering** [KBL⁺06]. **steganography** [WMS08]. **Step** [DRT07]. **Stepping** [LRB15, TSC13]. **Stereo** [KRV⁺14, RSM⁺15, CLR12, WP10]. **Stereographs** [ZOH⁺15]. **Stereoscopic** [AW15, HOH15, MMSO15, SWA14, WPDH14, CA13, LFM12, SDBRC13, SMI06]. **Stewart** [BSPB10]. **stimulation** [VSCM12]. **stimuli** [BMGC05, TGT⁺09]. **stochastic** [MC05]. **stochastic-based** [MC05]. **strain** [LFM12]. **Strategies** [RNLH16]. **strategy** [LXXB10]. **streams** [ECOG11]. **structure** [JSHG08, WP10]. **Strutting** [KHW⁺15]. **Studies** [BOK10, MMSO15, VA05]. **Study** [GFD⁺15, HBM⁺14, ENC⁺08, LBT08, LPHL05, MO09a, PDZ05]. **Stylization** [CSUN05]. **stylized** [WBC⁺07]. **Subconscious** [VCA16]. **subjective** [VSCM12]. **subjects** [APP07, RBCK12]. **subpixel** [GTAE04]. **subtle** [MBG09]. **sufficient** [RVB05]. **suggesting** [RFR09]. **supervised** [LXXB10]. **Support** [MSHLR16, WB04]. **Surface** [MMS13, KSM⁺05]. **surfaces** [CWT⁺05, WBNF06]. **surrealism** [SMO⁺10]. **survey** [FRC10]. **symmetric** [SMI06]. **synchronization** [CST⁺10]. **synthesis** [MAYKM13, WH08]. **synthesize** [JDR08, MC05]. **synthetic** [OR04]. **system** [VGBF10]. **systems** [FRC10, HU11]. **Tactile** [PTP14, WH08, DFZ⁺05, RTPG11, WMVO05]. **tagging** [MP09]. **Takala** [GLT05a]. **talker** [BS05b]. **Talking** [CMR⁺05, LCC15, MEDO09]. **targeted** [BOK10]. **task** [BGW11, Can09, MBG09]. **task-facilitation** [BGW11]. **tasks** [AMR06, GTAE04, HHL10, NW08, NVW13, OAD⁺12]. **Technique** [KFSN16, FHC04, SII04, WMA12]. **techniques** [BMGC05, BBD⁺09]. **Teleoperation** [PTP14]. **temperature** [KWI09]. **Temporal** [TCP⁺14]. **Temporally** [KBL14]. **ten** [KW05]. **Term** [SWA14]. **terrains** [TSC13]. **texture** [FCH09]. **textures** [HVM06, JDR08, KL06, LKTH06, TJL⁺11]. **their** [FRC10]. **theoretic** [FSG09]. **thermal** [HJ07]. **thin** [CA13]. **those** [NCVW10]. **three** [WM08]. **thresholds** [JWB12, VGBF10]. **Throwing** [SCRTW05, VHBO14]. **time** [LPEP12, LFM12, LZG⁺13, SAB07]. **time-frequency** [LPEP12]. **time-to-contact** [SAB07]. **Tolerance** [AW15]. **tone** [AR08, AG06, GB08]. **tone-mapping** [AG06, GB08]. **tone-reproduction** [AR08]. **tool** [BC05]. **tools** [PI08]. **Top** [MGM16]. **Top-Down** [MGM16]. **torque** [VGBF10]. **Touch** [KBL14]. **Touch-Feedback** [KBL14]. **Touchscreen** [KBL14]. **trackers** [MP09]. **tracking** [AMR06, LME10]. **traffic** [BGW11, PCK08]. **training** [LPO09]. **transfer** [MBCW10]. **transit** [BWG12]. **Transition** [KDS⁺15]. **transitions** [MO09a, TKK⁺13]. **Translucent** [FB05]. **Transparency** [PTP14]. **transparent** [CA13]. **travel** [BB13, FLKB07]. **treadmill**

- [LBWP07, MTCR⁺07, SGF⁺10]. **treadmill-based** [MTCR⁺07]. **trend** [NW08]. **trend-identification** [NW08]. **trial** [MGM12]. **triggering** [RVB05]. **trimming** [MO09b]. **tuning** [MO09b]. **tunnel** [APP07]. **two** [WMVO05]. **two-dimensional** [WMVO05]. **Type** [ZHRM15]. **typicality** [SVHS06].
- unattended** [DKR⁺05]. **unconstrained** [SGS⁺11]. **Underestimation** [LLBM15]. **Understanding** [MB04, AC11]. **undulation** [KSM⁺05]. **unified** [FSG09]. **uniform** [FCH09]. **unstructured** [MO09b]. **updating** [RVB05]. **upper** [BOK10]. **upper-limb** [BOK10]. **Urban** [AL15]. **use** [AZ10]. **used** [HFJS09, JDR08]. **User** [BFSV16, HDH10, GTAE04]. **User-based** [HDH10]. **Using** [JSHG08, JSCR⁺15, MW15, MC05, MSHLR16, SAB07, Ste15, VCA16, AR08, BWG12, CKWB06, GDBP13, GBLR10, KWI09, LME10, MBG09, NAB⁺11, SDBRC13, TSRD07]. **utilizes** [KS12]. **Utilizing** [KHW⁺15].
- validation** [CKWB06]. **variations** [TGJ08]. **varying** [LKTH06]. **vection** [RSPA⁺06, RVSP09]. **Vehicle** [BBE16]. **verbal** [GBLR10, NAB⁺11, ZNWK12]. **verbal-** [ZNWK12]. **Verification** [KHJK13]. **Versus** [MW15, KWSS08, SCRTW05, VSWB07]. **via** [DFZ⁺05, KHKP15, PCK08, RKS16]. **vibrational** [RFR09]. **vibrotactile** [LSRR13, VVJD05]. **Vickers** [Vic05]. **Video** [CKWB05, TKK⁺13]. **videos** [MGM12]. **View** [SDW05, SB12, WCCRT09]. **Viewers** [WAH⁺15]. **Viewing** [RNLH16, CA13, TGT⁺09]. **viewpoint** [EPO11, FSG09, WH08]. **viewpoints** [SAB07]. **views** [AC11]. **Vigor** [RKS16]. **Villain** [KHW⁺15]. **Virtual** [BSHW14, BB13, EBPJ16, JSCR⁺15, KBL14, KSLM15, LRB15, RBC14, RSM⁺15, RRM⁺16, SXCS15, WTWN16, ZHRM15, APP07, AC11, BGW11, BSVDD10, BS05a, CWT⁺05, EPO11, FFW07, FCH⁺07, FLKB07, GBLR10, GNP⁺10, HBW11, JWB12, KS12, KBP⁺13, KL06, KCRT08, LPEP12, LKTH06, LPHL05, LPO09, LBWP07, LSRS10, MBCW10, MJH⁺09, MC05, MTCR⁺07, MRT⁺10, NAB⁺11, NZG⁺11, PK07, PKCR05, RBCK12, RSPA⁺06, RVSP09, RPH10, RDLTS04, RVB13, SCRTW05, SAB07, SGF⁺10, SGS⁺11, VSCM12, WAEG06, WCCRT09, WNW⁺07, WBN⁺11]. **viscosity** [LKTH06]. **visibility** [GB08, YCK⁺09]. **Vision** [KRV⁺14, APP07, Can09]. **Visual** [ABK⁺15, BSHW14, BBE16, DCR06, FWN⁺14, MD05, MGVM16, NTKA12, PHRE15, RVB05, Ste15, WMS08, AMR06, BSH⁺06, BSVDD10, CKWB06, DBS⁺09, ENC⁺08, FLKB07, FRC10, GLT05b, HMS09, HCS10, HS12, Lav09, LZG⁺13, LPT⁺06, McN06, MTCR⁺07, PI08, RLV⁺10, RBCK12, RDF11, RTPG11, SBR07, SMS13, TJL⁺11, VCR08, WMA12]. **Visualization** [FL09, EML13, HS12, KWSS08, LPR06, LZG⁺13, VCR08, YBC13]. **visualizations** [KPSL10]. **Visualizing** [WM08]. **Visually** [ACMS10, RVSP09]. **visually-induced** [RVSP09]. **Visuo** [EBPJ16]. **Visuo-Haptic** [EBPJ16]. **Visuomotor** [KSLM15]. **visuospatial** [ZAAC12]. **Voice** [OEMO16, CST⁺10]. **Volume** [LME10, MW15, BBD⁺09]. **Voluntary** [VSCM12]. **vs** [SNW16].
- waist** [VVJD05]. **walk** [RVB13]. **Walker** [WK05b]. **Walking** [PK07, TSC13, APP07, FFW07, HBW11, SCRTW05, SGF⁺10, SGS⁺11, WBN⁺11]. **water** [BAMB13]. **wavelets** [MC05]. **Waypoint** [VVJD05]. **Web** [BFSV16]. **Welcome** [IG15]. **Which** [SB12]. **widgets** [Bre05, EM05b]. **Width** [JSCR⁺15]. **Wii** [WBN⁺11]. **without** [MLK⁺06].

workstations [AMR06]. **world** [Can09, WBC⁺07]. **worlds** [LPEP12]. **worn** [BWG12]. **Wrinkles** [NP15]. **Writing** [AZ10].
yaw [JWB12].

References

- | | |
|---|---|
| <p>[AAM08] Tomohiro Amemiya, Hideyuki Ando, and Taro Maeda. Lead-me interface for a pulling sensation from hand-held devices. <i>ACM Transactions on Applied Perception</i>, 5(3):15:1–15:??, August 2008. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).</p> <p style="text-align: right;">Amemiya:2008:LMI</p> <p>[AASH⁺12] Miguel A. Alonso-Arevalo, Simon Shelley, Dik Hermes, Jacqueline Hollowood, Michael Pettitt, Sarah Sharples, and Armin Kohlrausch. Curve shape and curvature perception through interactive sonification. <i>ACM Transactions on Applied Perception</i>, 9(4):17:1–17:??, October 2012. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).</p> <p style="text-align: right;">Alonso-Arevalo:2012:CSC</p> <p>[ABK⁺15] Kamyar Abhari, John S. H. Baxter, Ali R. Khan, Terry M. Peters, Sandrine De Ribau pierre, and Roy Eagleson. Visual enhancement of MR angiography images to facilitate planning of arteriovenous mal-</p> <p style="text-align: right;">Abhari:2015:VEM</p> | <p>[AC11] Carmen E. Au and James J. Clark. Integrating multiple views with virtual mirrors to facilitate scene understanding. <i>ACM Transactions on Applied Perception</i>, 8(4):28:1–28:??, November 2011. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).</p> <p style="text-align: right;">Au:2011:IMV</p> <p>[ACMS10] Tunç Ozan Aydin, Martin Čadík, Karol Myszkowski, and Hans-Peter Seidel. Visually significant edges. <i>ACM Transactions on Applied Perception</i>, 7(4):27:1–27:??, July 2010. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).</p> <p style="text-align: right;">Aydin:2010:VSE</p> <p>[AG06] Michael Ashikhmin and Jay Goyal. A reality check for tone-mapping operators. <i>ACM Transactions on Applied Perception</i>, 3(4):399–411, October 2006. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).</p> <p style="text-align: right;">Ashikhmin:2006:RCT</p> <p>[AJML13] Ferran Argelaguet, David Antonio Gómez Jáuregui, Maud Marchal, and Anatole Lécuyer.</p> <p style="text-align: right;">Argelaguet:2013:EIP</p> |
|---|---|

- [AK16] Ahmet Oğuz Akyüz and Osman Kaya. A proposed methodology for evaluating HDR false color maps. *ACM Transactions on Applied Perception*, 14(1):2:1–2:??, August 2016. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Akyuz:2016:PME**
- [AL15] Robert Albrecht and Tapio Lokki. Auditory distance presentation in an urban augmented reality environment. *ACM Transactions on Applied Perception*, 12(2):5:1–5:??, April 2015. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Albrecht:2015:ADP**
- [AMR06] M. Stella Atkins, Adrian Moise, and Robert Rohling. An application of eyegaze tracking for designing radiologists’ workstations: Insights for comparative visual search tasks. *ACM Transactions on Applied Perception*, 3(2):136–151, April 2006. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Atkins:2006:AET**
- [APP07] [APK15] Elastic images: Perceiving local elasticity of images through a novel pseudo-haptic deformation effect. *ACM Transactions on Applied Perception*, 10(3):17:1–17:??, August 2013. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Akyuz:2016:PME**
- [AR08] [AW15] Mekides Assefa Abebe, Tania Pouli, and Jonathan Kervec. Evaluating the color fidelity of ITMOs and HDR color appearance models. *ACM Transactions on Applied Perception*, 12(4):14:1–14:??, September 2015. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Abebe:2015:ECF**
- [Apfelbaum:2007:HAT] Henry Apfelbaum, Adar Pelah, and Eli Peli. Heading assessment by “tunnel vision” patients and control subjects standing or walking in a virtual reality environment. *ACM Transactions on Applied Perception*, 4(1):??, January 2007. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Apfelbaum:2007:HAT**
- [Allison:2015:PTS] Robert S. Allison and Laurie M. Wilcox. Perceptual tolerance to stereoscopic 3D image distortion. *ACM Transactions on Applied Perception*, 12(3):10:1–10:??, July 2015. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Allison:2015:PTS**

- | <p>AZ10] Tue Haste Andersen and Shumin Zhai. “writing with music”: Exploring the use of auditory feedback in gesture interfaces. <i>ACM Transactions on Applied Perception</i>, 7(3):17:1–17:??, June 2010. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).</p> | <p>Andersen:2010:WME</p> |
|---|---------------------------------|
| <p>BAMB13] Micah Bojrab, Michel Abdul-Massih, and Bedrich Benes. Perceptual importance of lighting phenomena in rendering of animated water. <i>ACM Transactions on Applied Perception</i>, 10(1):2:1–2:??, February 2013. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).</p> | <p>Bojrab:2013:PIL</p> |
| <p>Bar05a] Stephen Barrass. A comprehensive framework for auditory display: Comments on Barrass, ICAD 1994. <i>ACM Transactions on Applied Perception</i>, 2(4):403–406, October 2005. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic). See [Bar05b].</p> | <p>Barrass:2005:CFA</p> |
| <p>Bar05b] Stephen Barrass. A perceptual framework for the auditory display of scientific data. <i>ACM Transactions on Applied Perception</i>, 2(4):389–402, October 2005. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic). See comments [Bar05a].</p> | <p>Barrass:2005:PFA</p> |
| <p>BB13]</p> | <p>BB13]</p> |
| <p>BBD⁺09]</p> | <p>Blom:2013:VTC</p> |
| <p>BBE16]</p> | <p>Boucheny:2009:PEV</p> |
| <p>BC05]</p> | <p>Blissing:2016:EVL</p> |
| <p>BC05]</p> | <p>Brewster:2005:DES</p> |
- Kristopher J. Blom and Steffi Beckhaus. Virtual travel collisions: Response method influences perceived realism of virtual environments. *ACM Transactions on Applied Perception*, 10(4):25:1–25:??, October 2013. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Christian Boucheny, Georges-Pierre Bonneau, Jacques Droulez, Guillaume Thibault, and Stephane Ploix. A perceptive evaluation of volume rendering techniques. *ACM Transactions on Applied Perception*, 5(4):23:1–23:??, January 2009. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Björn Blissing, Fredrik Bruzelius, and Olle Eriksson. Effects of visual latency on vehicle driving behavior. *ACM Transactions on Applied Perception*, 14(1):5:1–5:??, August 2016. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Stephen A. Brewster and Catherine V. Clarke. The design and evaluation of a sonically enhanced tool palette. *ACM Transactions on Applied Perception*, 2(4):455–461, October 2005. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic). See comments [Bre05].

- Bhardwaj:2015:DAP**
- [BCD15] Amit Bhardwaj, Subhasis Chaudhuri, and Onkar Dabeer. Design and analysis of predictive sampling of haptic signals. *ACM Transactions on Applied Perception*, 11(4):16:1–16:??, January 2015. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Boi:2016:RUA**
- [BFSV16] Paolo Boi, Gianni Fenu, Lucio Davide Spano, and Valentino Vargiu. Reconstructing user’s attention on the Web through mouse movements and perception-based content identification. *ACM Transactions on Applied Perception*, 13(3):15:1–15:??, May 2016. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Bicego:2008:DFC**
- [BGL⁺08] Manuele Bicego, Enrico Grossi, Andrea Lagorio, Gavin Brellstaff, Linda Brodo, and Massimo Tistarelli. Distinctiveness of faces: a computational approach. *ACM Transactions on Applied Perception*, 5(2):11:1–11:??, May 2008. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Bernhard:2011:BTF**
- [BGW11] Matthias Bernhard, Karl Grosse, and Michael Wimmer. Bimodal task-facilitation in a virtual traffic scenario through spatialized sound rendering. *ACM Transactions on Applied Perception*, 8(4):24:1–24:??, November 2011. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Bouchara:2013:CMS**
- [BJK13] Tifanie Bouchara, Christian Jacquemin, and Brian F. G. Katz. Cueing multimedia search with audiovisual blur. *ACM Transactions on Applied Perception*, 10(2):7:1–7:??, May 2013. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Bonebright:2005:EAD**
- [BM05] Terri L. Bonebright and Nadine E. Miner. Evaluation of auditory displays: Comments on Bonebright et al., ICAD 1998. *ACM Transactions on Applied Perception*, 2(4):517–520, October 2005. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic). See [BMGC05].
- Bonebright:2005:DCA**
- [BMGC05] Terri L. Bonebright, Nadine E. Miner, Timothy E. Goldsmith, and Thomas P. Caudell. Data collection and analysis techniques for evaluating the perceptual qualities of auditory stimuli. *ACM Transactions on Applied Perception*, 2(4):505–516, October 2005. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic). See comments [BM05].

- | | Bodenheimer:2009:GE | | Brungart:2005:OVS |
|--|---|--|--------------------------|
| <p>[BO09] Bobby Bodenheimer and Carol O'Sullivan. Guest editorial. <i>ACM Transactions on Applied Perception</i>, 6(4):21:1–21:??, September 2009. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).</p> | <p>[BS05a]</p> <p>Douglas S. Brungart and Brian D. Simpson. Optimizing a virtual speech display: Comments on Brungart and Simpson, ICAD 2003. <i>ACM Transactions on Applied Perception</i>, 2(4):437–441, October 2005. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic). See [BS05b].</p> | | |
| <p>[BOK10] Amy Blank, Allison M. Okamura, and Katherine J. Kuchenbecker. Identifying the role of proprioception in upper-limb prosthesis control: Studies on targeted motion. <i>ACM Transactions on Applied Perception</i>, 7(3):15:1–15:??, June 2010. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).</p> | <p>[BS05b]</p> <p>Douglas S. Brungart and Brian D. Simpson. Optimizing the spatial configuration of a seven-talker speech display. <i>ACM Transactions on Applied Perception</i>, 2(4):430–436, October 2005. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic). See comments [BS05a].</p> | | |
| <p>[BPFP16] Marco V. Bernardo, António M. G. Pinheiro, Paulo T. Fideiro, and Manuela Pereira. Image quality under chromatic impairments. <i>ACM Transactions on Applied Perception</i>, 14(1):6:1–6:??, August 2016. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).</p> | <p>[BSH⁺06]</p> <p>Benjamin J. Balas and Pawan Sinha. Region-based representations for face recognition. <i>ACM Transactions on Applied Perception</i>, 3(4):354–375, October 2006. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).</p> | | |
| <p>[Bre05] Stephen A. Brewster. Sonically enhanced widgets: Comments on Brewster and Clarke, ICAD 1997. <i>ACM Transactions on Applied Perception</i>, 2(4):462–466, October 2005. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic). See [BC05].</p> | <p>[Bar06]</p> <p>Federico Barbagli, Ken Salisbury, Cristy Ho, Charles Spence, and Hong Z. Tan. Haptic discrimination of force direction and the influence of visual information. <i>ACM Transactions on Applied Perception</i>,</p> | | |

- 3(2):125–135, April 2006. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Bernhard:2014:GOM**
- [BSHW14] Matthias Bernhard, Efstathios Stavrakis, Michael Hecher, and Michael Wimmer. Gaze-to-object mapping during visual search in 3D virtual environments. *ACM Transactions on Applied Perception*, 11(3):14:1–14:??, August 2014. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Berger:2010:SBF**
- [BSPB10] Daniel R. Berger, Jörg Schulte-Pelkum, and Heinrich H. Bülfhoff. Simulating believable forward accelerations on a Stewart motion platform. *ACM Transactions on Applied Perception*, 7(1):5:1–5:??, January 2010. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Bonneel:2010:BPA**
- [BSVDD10] Nicolas Bonneel, Clara Suied, Isabelle Viaud-Delmon, and George Drettakis. Bimodal perception of audio-visual material properties for virtual environments. *ACM Transactions on Applied Perception*, 7(1):1:1–1:??, January 2010. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Bernhard:2010:EPD**
- [BSW10] Matthias Bernhard, Efstathios Stavrakis, and Michael Wimmer. An empirical pipeline to derive gaze prediction heuristics for 3D action games. *ACM Transactions on Applied Perception*, 8(1):4:1–4:??, October 2010. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Bailey:2016:ISI**
- Reynold Bailey and Laura Trutoiu. Introduction to special issue SAP 2016. *ACM Transactions on Applied Perception*, 13(4):18:1–18:??, July 2016. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Bulling:2012:MRR**
- [BT16] Andreas Bulling, Jamie A. Ward, and Hans Gellersen. Multimodal recognition of reading activity in transit using body-worn sensors. *ACM Transactions on Applied Perception*, 9(1):2:1–2:??, March 2012. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Chen:2013:SPT**
- Jianhui Chen and Robert S. Allison. Shape perception of thin transparent objects with stereoscopic viewing. *ACM Transactions on Applied Perception*, 10(3):15:1–15:??, August 2013. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Canosa:2009:RWV**
- Roxanne L. Canosa. Real-world vision: Selective perception and task. *ACM Transactions on*
- [BWG12] [CA13] [Can09]

- Applied Perception*, 6(2):11:1–11:??, February 2009. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Caramiaux:2014:RSS**
- [CBB⁺14] B. Caramiaux, F. Bevilacqua, T. Bianco, N. Schnell, O. Houix, and P. Susini. The role of sound source perception in gestural sound description. *ACM Transactions on Applied Perception*, 11(1):1:1–1:??, April 2014. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Cunningham:2005:MVS**
- [CKWB05] Douglas W. Cunningham, Mario Kleiner, Christian Wallraven, and Heinrich H. Bühlhoff. Manipulating video sequences to determine the components of conversational facial expressions. *ACM Transactions on Applied Perception*, 2(3):251–269, July 2005. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Cooke:2006:OFV**
- [CKWB06] Theresa Cooke, Sebastian Kanngiesser, Christian Wallraven, and Heinrich H. Bühlhoff. Object feature validation using visual and haptic similarity ratings. *ACM Transactions on Applied Perception*, 3(3):239–261, July 2006. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Couture:2010:ADD**
- Vincent Couture, Michael S. Langer, and Sébastien Roy. Analysis of disparity distortions in omnistereoscopic displays. *ACM Transactions on Applied Perception*, 7(4):25:1–25:??, July 2010. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Couture:2012:PBS**
- Vincent Couture, Michael S. Langer, and Sébastien Roy. Perception of blending in stereo motion panoramas. *ACM Transactions on Applied Perception*, 9(3):15:1–15:??, July 2012. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Cosker:2005:TPR**
- [CMR⁺05] Darren Cosker, David Marshall, Paul L. Rosin, Susan Paddock, and Simon Rushton. Toward perceptually realistic talking heads: Models, methods, and McGurk. *ACM Transactions on Applied Perception*, 2(3):270–285, July 2005. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Creem-Regehr:2009:GE**
- Sarah Creem-Regehr and Karol Myszkowski. Guest editorial. *ACM Transactions on Applied Perception*, 6(3):13:1–13:??, August 2009. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).

- Carter:2010:PMG**
- [CST⁺10] Elizabeth J. Carter, Lavanya Sharan, Laura Trutoiu, Iain Matthews, and Jessica K. Hodgins. Perceptually motivated guidelines for voice synchronization in film. *ACM Transactions on Applied Perception*, 7(4):23:1–23:??, July 2010. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Chang:2005:EBC**
- [CSUN05] Youngha Chang, Suguru Saito, Keiji Uchikawa, and Masayuki Nakajima. Example-based color stylization of images. *ACM Transactions on Applied Perception*, 2(3):322–345, July 2005. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Cooke:2010:MSA**
- [CWB10] Theresa Cooke, Christian Wallraven, and Heinrich H. Bülthoff. Multidimensional scaling analysis of haptic exploratory procedures. *ACM Transactions on Applied Perception*, 7(1):7:1–7:??, January 2010. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Choi:2005:FCE**
- [CWT⁺05] Seungmoon Choi, Laron Walker, Hong Z. Tan, Scott Crittenden, and Ron Reifenberger. Force constancy and its effect on haptic perception of virtual surfaces. *ACM Transactions on Applied Perception*, 2(2):89–105, April 2005. CODEN ????
- CXZ14]** ISSN 1544-3558 (print), 1544-3965 (electronic).
- Chen:2014:NHF**
- [CXZ14] Fangmei Chen, Yong Xu, and David Zhang. A new hypothesis on facial beauty perception. *ACM Transactions on Applied Perception*, 11(2):8:1–8:??, July 2014. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Duchowski:2009:SVS**
- [DBS⁺09] Andrew T. Duchowski, David Bate, Paris Stringfellow, Kaveri Thakur, Brian J. Melloy, and Anand K. Gramopadhye. On spatiochromatic visual sensitivity and peripheral color LOD management. *ACM Transactions on Applied Perception*, 6(2):9:1–9:??, February 2009. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Dixon:2006:MAF**
- [DCN⁺06] T. D. Dixon, E. F. Canga, J. M. Noyes, T. Troscianko, S. G. Nikolov, D. R. Bull, and C. N. Canagarajah. Methods for the assessment of fused images. *ACM Transactions on Applied Perception*, 3(3):309–332, July 2006. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Devlin:2006:VCC**
- [DCR06] Kate Devlin, Alan Chalmers, and Erik Reinhard. Visual calibration and correction for ambient illumination. *ACM Trans-*

- actions on Applied Perception*, 3(4):429–452, October 2006. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- DePoli:2015:RID**
- [DCRS15] Giovanni De Poli, Sergio Canazza, Antonio Rodà, and Emery Schubert. The role of individual difference in judging expressiveness of computer-assisted music performances by experts. *ACM Transactions on Applied Perception*, 11(4):22:1–22:??, January 2015. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Drewing:2005:FEN**
- [DFZ⁺05] Knut Drewing, Michael Fritschi, Regine Zopf, Marc O. Ernst, and Martin Buss. First evaluation of a novel tactile display exerting shear force via lateral displacement. *ACM Transactions on Applied Perception*, 2(2):118–131, April 2005. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Dinse:2005:IHH**
- [DKR⁺05] Hubert R. Dinse, Tobias Kalisch, Patrick Ragert, Burkhard Pleger, Peter Schwenkreis, and Martin Tegenthoff. Improving human haptic performance in normal and impaired human populations through unattended activation-based learning. *ACM Transactions on Applied Perception*, 2(2):71–88, April 2005. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- DePolli:2015:RID**
- [DRT07] Frank H. Durgin, Catherine Reed, and Cara Tigue. Step frequency and perceived self-motion. *ACM Transactions on Applied Perception*, 4(1):??, January 2007. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Durgin:2007:SFP**
- [EBPJ16] Elham Ebrahimi, Sabarish V. Babu, Christopher C. Pagano, and Sophie Jörg. An empirical evaluation of visuo-haptic feedback on physical reaching behaviors during 3D interaction in real and immersive virtual environments. *ACM Transactions on Applied Perception*, 13(4):19:1–19:??, July 2016. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Ebrahimi:2016:EEV**
- [ECOG11] Dominik Endres, Andrea Christensen, Lars Omlor, and Martin A. Giese. Emulating human observers with Bayesian binning: Segmentation of action streams. *ACM Transactions on Applied Perception*, 8(3):16:1–16:??, August 2011. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Endres:2011:EHO**
- [EM05a] Alistair D. N. Edwards and Evangelos Mitsopoulos. Perceptual auditory design: Comments
- Edwards:2005:PAD**

- [EM05b] on Edwards and Mitsopoulos, ICAD 1998. *ACM Transactions on Applied Perception*, 2(4):450–454, October 2005. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic). See [EM05b].
- Edwards:2005:PMS**
- [EML13] Alistair D. N. Edwards and Evangelos Mitsopoulos. A principled methodology for the specification and design of nonvisual widgets. *ACM Transactions on Applied Perception*, 2(4):442–449, October 2005. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic). See comments [EM05a].
- Easa:2013:EMD**
- [ENC⁺08] Haider K. Easa, Rafal K. Manttiuk, and Ik Soo Lim. Evaluation of monocular depth cues on a high-dynamic-range display for visualization. *ACM Transactions on Applied Perception*, 10(3):16:1–16:??, August 2013. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Elhelw:2008:GBS**
- [FCH⁺07] Mohamed Elhelw, Marios Nicolaou, Adrian Chung, Guang-Zhong Yang, and M. Stella Atkins. A gaze-based study for investigating the perception of visual realism in simulated scenes. *ACM Transactions on Applied Perception*, 5(1):3:1–3:??, January 2008. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- FCH:2007:GDC**
- [EPO11] Cathy Ennis, Christopher Peters, and Carol O’Sullivan. Perceptual effects of scene context and viewpoint for virtual pedestrian crowds. *ACM Transactions on Applied Perception*, 8(2):10:1–10:??, January 2011. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Ennis:2011:PES**
- [FBT05] Roland W. Fleming and Heinrich H. Bülthoff. Low-level image cues in the perception of translucent materials. *ACM Transactions on Applied Perception*, 2(3):346–382, July 2005. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Fleming:2005:LLI**
- [FTB05] John H. Flowers, Dion C. Buhman, and Kimberly D. Turnage. Data sonification from the desktop: Should sound be part of standard data analysis software? *ACM Transactions on Applied Perception*, 2(4):467–472, October 2005. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic). See comments [FTB05].
- Flowers:2005:DSD**
- [Fortenbaugh:2007:GDC] Francesca C. Fortenbaugh, Siddhartha Chaudhury, John C. Hicks, Lei Hao, and Kathleen A. Turano. Gender differences in cue preference during path integration in virtual
- Fortenbaugh:2007:GDC**

- environments. *ACM Transactions on Applied Perception*, 4(1):??, January 2007. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Filip:2009:URG**
- [FCH09] Jiří Filip, Michael J. Chantler, and Michal Haindl. On uniform resampling and gaze analysis of bidirectional texture functions. *ACM Transactions on Applied Perception*, 6(3):18:1–18:??, August 2009. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Fernstrom:2005:RSB**
- [Fer05] Mikael Fernström. Reflections on sonic browsing: Comments on Fernström and McNamara, ICAD 1998. *ACM Transactions on Applied Perception*, 2(4):500–504, October 2005. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic). See [FM05].
- Fink:2007:OAD**
- [FFW07] Philip W. Fink, Patrick S. Foo, and William H. Warren. Obstacle avoidance during walking in real and virtual environments. *ACM Transactions on Applied Perception*, 4(1):??, January 2007. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Frowd:2004:EHE**
- [FHC04] Charlie D. Frowd, Peter J. B. Hancock, and Derek Carson. EvoFIT: a holistic, evolutionary facial imaging technique for creating composites. *ACM Transactions on Applied Perception*, 1(1):19–39, July 2004. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Fleming:2009:GES**
- [FL09] Roland Fleming and Michael Langer. Guest editorial: Special issue on Applied Perception in Graphics and Visualization (APGV07). *ACM Transactions on Applied Perception*, 5(4):18:1–18:??, January 2009. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Frenz:2007:ETD**
- [FLKB07] Harald Frenz, Markus Lappe, Marina Kolesnik, and Thomas Bührmann. Estimation of travel distance from visual motion in virtual environments. *ACM Transactions on Applied Perception*, 4(1):??, January 2007. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Fernstrom:2005:ADM**
- [FM05] Mikael Fernström and Caolan McNamara. After direct manipulation—direct sonification. *ACM Transactions on Applied Perception*, 2(4):495–499, October 2005. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic). See comments [Fer05].
- Fontana:2008:ADP**
- [FR08] Federico Fontana and Davide Rocchesso. Auditory distance

- perception in an acoustic pipe. *ACM Transactions on Applied Perception*, 5(3):16:1–16:??, August 2008. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Frintrop:2010:CVA**
- [FRC10] Simone Frintrop, Erich Rome, and Henrik I. Christensen. Computational visual attention systems and their cognitive foundations: a survey. *ACM Transactions on Applied Perception*, 7(1):6:1–6:??, January 2010. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Feixas:2009:UIT**
- [FSG09] Miquel Feixas, Mateu Sbert, and Francisco González. A unified information-theoretic framework for viewpoint selection and mesh saliency. *ACM Transactions on Applied Perception*, 6(1):1:1–1:??, February 2009. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Flowers:2005:DDS**
- [FTB05] John H. Flowers, Kimberly D. Turnage, and Dion C. Buhman. Desktop data sonification: Comments on Flowers et al., ICAD 1996. *ACM Transactions on Applied Perception*, 2(4):473–476, October 2005. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic). See [FBT05].
- [FWN⁺14] Shaojing Fan, Rangding Wang, Tian-Tsong Ng, Cheston Y.-C. Tan, Jonathan S. Herberg, and Bryan L. Koenig. Human perception of visual realism for photo and computer-generated face images. *ACM Transactions on Applied Perception*, 11(2):7:1–7:??, July 2014. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Fan:2014:HPV**
- [GB08] Justine Grave and Roland Bremond. A tone-mapping operator for road visibility experiments. *ACM Transactions on Applied Perception*, 5(2):12:1–12:??, May 2008. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Grave:2008:TMO**
- [GBLR10] Nicholas A. Giudice, Jonathan Z. Bakdash, Gordon E. Legge, and Rudrava Roy. Spatial learning and navigation using a virtual verbal display. *ACM Transactions on Applied Perception*, 7(1):3:1–3:??, January 2010. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Giudice:2010:SLN**
- [GDBP13] Hannes Gamper, Christina Dicke, Mark Billinghurst, and Kai Puolamäki. Sound sample detection and numerosity estimation using auditory display. *ACM Transactions on Applied Perception*, 10(1):4:1–4:??,
- Gamper:2013:SSD**

- February 2013. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Gaffary:2013:CAC**
- [GEMA13] Yoren Gaffary, Victoria Eyharabide, Jean-Claude Martin, and Mehdi Ammi. Clustering approach to characterize haptic expressions of emotions. *ACM Transactions on Applied Perception*, 10(4):21:1–21:??, October 2013. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Giraud:2015:PEP**
- [GFD⁺15] Tom Giraud, Florian Focone, Virginie Demulier, Jean Claude Martin, and Brice Isableu. Perception of emotion and personality through full-body movement qualities: a sport coach case study. *ACM Transactions on Applied Perception*, 13(1):2:1–2:??, December 2015. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Grohn:2005:ACG**
- [GLT05a] Matti Gröhn, Tapio Lokki, and Tapio Takala. Author’s comments on Gröhn, Lokki, and Takala, ICAD 2003. *ACM Transactions on Applied Perception*, 2(4):571–573, October 2005. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic). See [GLT05b].
- Grohn:2005:CAV**
- [GLT05b] Matti Gröhn, Tapio Lokki, and Tapio Takala. Comparison of auditory, visual, and audiovisual navigation in a 3D space. *ACM Transactions on Applied Perception*, 2(4):564–570, October 2005. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic). See comments [GLT05a].
- Gray:2009:SRC**
- [GMT09] Rob Gray, Rayka Mohebbi, and Hong Z. Tan. The spatial resolution of crossmodal attention: Implications for the design of multimodal interfaces. *ACM Transactions on Applied Perception*, 6(1):4:1–4:??, February 2009. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Grechkin:2010:HDP**
- [GNP⁺10] Timofey Y. Grechkin, Tien Dat Nguyen, Jodie M. Plumert, James F. Cremer, and Joseph K. Kearney. How does presentation method and measurement protocol affect distance estimation in real and virtual environments? *ACM Transactions on Applied Perception*, 7(4):26:1–26:??, July 2010. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Geigel:2013:ISI**
- [GS13] Joe Geigel and Jeanine Stefanucci. Introduction to special issue SAP 2013. *ACM Transactions on Applied Perception*, 10(3):12:1–12:??, August 2013. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).

- Gugerty:2004:ESA**
- [GTAE04] Leo Gugerty, Richard A. Tyrrell, Thomas R. Aten, and K. Andy Edmonds. The effects of subpixel addressing on users' performance and preferences during reading-related tasks. *ACM Transactions on Applied Perception*, 1(2):81–101, October 2004. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Holmes:2016:AII**
- [HBF16] Olivia Holmes, Martin S. Banks, and Hany Farid. Assessing and improving the identification of computer-generated portraits. *ACM Transactions on Applied Perception*, 13(2):7:1–7:???, March 2016. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Hecher:2014:CPS**
- [HBM⁺14] Michael Hecher, Matthias Bernhard, Oliver Mattausch, Daniel Scherzer, and Michael Wimmer. A comparative perceptual study of soft-shadow algorithms. *ACM Transactions on Applied Perception*, 11(2):5:1–5:???, July 2014. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Hodgson:2011:RWE**
- [HBW11] Eric Hodgson, Eric Bachmann, and David Waller. Redirected walking to explore virtual environments: Assessing the potential for spatial interference. *ACM Transactions on Applied Perception*, 8(4):22:1–22:???, November 2011. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Hyde:2016:EAC**
- [HCKH16] Jennifer Hyde, Elizabeth J. Carter, Sara Kiesler, and Jessica K. Hodgins. Evaluating animated characters: Facial motion magnitude influences personality perceptions. *ACM Transactions on Applied Perception*, 13(2):8:1–8:???, March 2016. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Hasic:2010:PGH**
- [HCS10] Jasmina Hasic, Alan Chalmers, and Elena Sikudova. Perceptually guided high-fidelity rendering exploiting movement bias in visual attention. *ACM Transactions on Applied Perception*, 8(1):6:1–6:???, October 2010. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Hover:2010:UBE**
- [HDH10] Raphael Höver, Massimiliano Di Luca, and Matthias Harders. User-based evaluation of data-driven haptic rendering. *ACM Transactions on Applied Perception*, 8(1):7:1–7:???, October 2010. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Harders:2005:ESI**
- [HE05] Matthias Harders and Marc Ernst. EuroHaptics special issue editorial. *ACM Transactions on Applied Perception*, 2(1):1–1:???, February 2005. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).

- tions on Applied Perception*, 2(2):69–70, April 2005. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic). [HJ07]
- Hattenberger:2009:PIG**
- [HFJS09] Timothy J. Hattenberger, Mark D. Fairchild, Garrett M. Johnson, and Carl Salvaggio. A psychophysical investigation of global illumination algorithms used in augmented reality. *ACM Transactions on Applied Perception*, 6(1):2:1–2:??, February 2009. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic). [HJO⁺10]
- Hassaine:2010:IPP**
- [HHL10] Djamel Hassaine, Nicolas S. Holliman, and Simon P. Liversedge. Investigating the performance of path-searching tasks in depth on multiview displays. *ACM Transactions on Applied Perception*, 8(1):8:1–8:??, October 2010. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic). [HMS09]
- Howlett:2005:PES**
- [HHO05] Sarah Howlett, John Hamill, and Carol O’Sullivan. Predicting and evaluating saliency for simplified polygonal models. *ACM Transactions on Applied Perception*, 2(3):286–308, July 2005. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic). [HOH15]
- Ho:2007:DET**
- Hsin-Ni Ho and Lynette A. Jones. Development and evaluation of a thermal display for material identification and discrimination. *ACM Transactions on Applied Perception*, 4(2):13:1–13:??, July 2007. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Hodgins:2010:SAA**
- Jessica Hodgins, Sophie Jörg, Carol O’Sullivan, Sang Il Park, and Moshe Mahler. The saliency of anomalies in animated human characters. *ACM Transactions on Applied Perception*, 7(4):22:1–22:??, July 2010. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Harper:2009:TDV**
- Simon Harper, Eleni Michailidou, and Robert Stevens. Toward a definition of visual complexity as an implicit measure of cognitive load. *ACM Transactions on Applied Perception*, 6(2):10:1–10:??, February 2009. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Hakala:2015:DAC**
- Jussi H. Hakala, Pirkko Oittinen, and Jukka P. Häkkinen. Depth artifacts caused by spatial interlacing in stereoscopic 3D displays. *ACM Transactions on Applied Perception*, 12(1):3:1–3:??, March 2015. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).

- | | |
|---|--|
| <div style="border: 1px solid black; padding: 5px; text-align: center;">Hermann:2005:CSH</div> <p>[HR05a] Thomas Hermann and Helge Ritter. Crystallization sonification of high-dimensional datasets. <i>ACM Transactions on Applied Perception</i>, 2(4):550–558, October 2005. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic). See comments [HR05b].</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Hermann:2005:MBS</div> <p>[HR05b] Thomas Hermann and Helge Ritter. Model-based sonification revisited—authors’ comments on Hermann and Ritter, ICAD 2002. <i>ACM Transactions on Applied Perception</i>, 2(4):559–563, October 2005. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic). See [HR05a].</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Healey:2012:LRV</div> <p>[HS12] Christopher G. Healey and Amit P. Sawant. On the limits of resolution and visual angle in visualization. <i>ACM Transactions on Applied Perception</i>, 9(4):20:1–20:??, October 2012. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Huckauf:2011:OSG</div> <p>[HU11] Anke Huckauf and Mario H. Urbina. Object selection in gaze controlled systems: What you don’t look at is what you get. <i>ACM Transactions on Applied Perception</i>, 8(2):13:1–13:??, January 2011. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).</p> | <div style="border: 1px solid black; padding: 5px; text-align: center;">Holten:2006:PBS</div> <p>[HVM06] Danny Holten, Jarke J. Van Wijk, and Jean-Bernard Martens. A perceptually based spectral model for isotropic textures. <i>ACM Transactions on Applied Perception</i>, 3(4):376–398, October 2006. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Interrante:2015:WMN</div> <p>[IG15] Victoria Interrante and Diego Gutierrez. Welcome message from the new Editors-in-Chief. <i>ACM Transactions on Applied Perception</i>, 12(3):8:1–8:??, July 2015. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Interrante:2006:GE</div> <p>[Int06] Victoria Interrante. Guest editorial. <i>ACM Transactions on Applied Perception</i>, 3(3):153–154, July 2006. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Jain:2016:MCP</div> <p>[JAA⁺16] Eakta Jain, Lisa Anthony, Aishat Aloba, Amanda Castonguay, Isabella Cuba, Alex Shaw, and Julia Woodward. Is the motion of a child perceivably different from the motion of an adult? <i>ACM Transactions on Applied Perception</i>, 13(4):22:1–22:??, July 2016. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).</p> |
|---|--|

- | | |
|--|--|
| <div style="border: 1px solid black; padding: 5px; text-align: center;">Jagnow:2008:EMA</div> <p>[JDR08] Robert Jagnow, Julie Dorsey, and Holly Rushmeier. Evaluation of methods for approximating shapes used to synthesize 3D solid textures. <i>ACM Transactions on Applied Perception</i>, 4(4):5:1–5:??, January 2008. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Jun:2015:BFU</div> <p>[JSCR⁺15] Eunice Jun, Jeanine K. Stefanucci, Sarah H. Creem-Regehr, Michael N. Geuss, and William B. Thompson. Big foot: Using the size of a virtual foot to scale gap width. <i>ACM Transactions on Applied Perception</i>, 12(4):16:1–16:??, September 2015. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Jimenez:2009:SSP</div> <p>[JSG09] Jorge Jimenez, Veronica Sundstedt, and Diego Gutierrez. Screen-space perceptual rendering of human skin. <i>ACM Transactions on Applied Perception</i>, 6(4):23:1–23:??, September 2009. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Jay:2008:UHC</div> <p>[JSHG08] Caroline Jay, Robert Stevens, Roger Hubbold, and Mashhuda Glencross. Using haptic cues to aid nonvisual structure recognition. <i>ACM Transactions on Applied Perception</i>, 5(2):8:1–8:??, May 2008. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).</p> | <div style="border: 1px solid black; padding: 5px; text-align: center;">Jerald:2012:SMT</div> <p>[JWB12] Jason Jerald, Mary Whitton, and Frederick P. Brooks, Jr. Scene-motion thresholds during head yaw for immersive virtual environments. <i>ACM Transactions on Applied Perception</i>, 9(1):4:1–4:??, March 2012. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Kelly:2006:SMS</div> <p>[KBL⁺06] Jonathan W. Kelly, Andrew C. Beall, Jack M. Loomis, Roy S. Smith, and Kristen L. Macuga. Simultaneous measurement of steering performance and perceived heading on a curving path. <i>ACM Transactions on Applied Perception</i>, 3(2):83–94, April 2006. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Kaaresoja:2014:TTP</div> <p>[KBL14] Topi Kaaresoja, Stephen Brewster, and Vuokko Lantz. Towards the temporally perfect virtual button: Touch-feedback simultaneity and perceived quality in mobile touch-screen press interactions. <i>ACM Transactions on Applied Perception</i>, 11(2):9:1–9:??, July 2014. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Kelly:2013:SPV</div> <p>[KBP⁺13] Jonathan W. Kelly, Melissa Burton, Brice Pollock, Eduardo Rubio, Michael Curtis, Julio</p> |
|--|--|

- De La Cruz, Stephen Gilbert, and Eliot Winer. Space perception in virtual environments: Displacement from the center of projection causes less distortion than predicted by cue-based models. *ACM Transactions on Applied Perception*, 10(4):18:1–18:??, October 2013. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Kuhl:2008:RRL**
- [KCRT08] Scott A. Kuhl, Sarah H. Creem-Regehr, and William B. Thompson. Recalibration of rotational locomotion in immersive virtual environments. *ACM Transactions on Applied Perception*, 5(3):17:1–17:??, August 2008. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Koulieris:2015:AHL**
- [KDCM15] George Alex Koulieris, George Drettakis, Douglas Cunningham, and Katerina Mania. An automated high-level saliency predictor for smart game balancing. *ACM Transactions on Applied Perception*, 11(4):17:1–17:??, January 2015. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Krejtz:2016:DAF**
- [DKK⁺16] Krzysztof Krejtz, Andrew Duchowski, Izabela Krejtz, Agnieszka Szarkowska, and Agata Kopacz. Discerning ambient/focal attention with coefficient K . *ACM Transactions on Applied Perception*, 13(3):11:1–11:??, May 2016. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Krejtz:2015:GTE**
- [KDS⁺15] Krzysztof Krejtz, Andrew Duchowski, Tomasz Szmidt, Izabela Krejtz, Fernando González Perilli, Ana Pires, Anna Vilaro, and Natalia Villalobos. Gaze transition entropy. *ACM Transactions on Applied Perception*, 13(1):4:1–4:??, December 2015. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Kawabe:2016:DLP**
- [KFSN16] Takahiro Kawabe, Taiki Fuklage, Masataka Sawayama, and Shin’ya Nishida. Deformation lamps: a projection technique to make static objects perceptually dynamic. *ACM Transactions on Applied Perception*, 13(2):10:1–10:??, March 2016. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Komogortsev:2013:LOP**
- [KHJK13] Oleg Komogortsev, Corey Holland, Sampath Jayarathna, and Alex Karpov. 2D linear oculomotor plant mathematical model: Verification and biometric applications. *ACM Transactions on Applied Perception*, 10(4):27:1–27:??, October 2013. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Komogortsev:2015:BOP**
- [KHKP15] Oleg Komogortsev, Corey Holland, Alex Karpov, and Larry R.

- Price. Biometrics via oculomotor plant characteristics: Impact of parameters in oculomotor plant model. *ACM Transactions on Applied Perception*, 11(4):20:1–20:??, January 2015. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- [KMS15] Scott Kuhl, Rafal Mantiuk, and Betsy Sanders. Introduction to special issue SAP 2015. *ACM Transactions on Applied Perception*, 12(4):13:1–13:??, September 2015. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- [Kuhl:2015:ISI]
- [KHW⁺15] Hanni Kiiski, Ludovic Hoyet, Andy T. Woods, Carol O’Sullivan, and Fiona N. Newell. Strutting hero, sneaking villain: Utilizing body motion cues to predict the intentions of others. *ACM Transactions on Applied Perception*, 13(1):1:1–1:??, December 2015. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- [Kiiski:2015:SHS]
- [KPAA10] Juno Kim, Stephen A. Palmisano, April Ash, and Robert S. Allison. Pilot gaze and glideslope control. *ACM Transactions on Applied Perception*, 7(3):18:1–18:??, June 2010. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- [Kim:2010:PGG]
- [KL06] Roberta L. Klatzky and Susan J. Lederman. The perceived roughness of resistive virtual textures: I. Rendering by a force-feedback mouse. *ACM Transactions on Applied Perception*, 3(1):1–14, January 2006. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- [Klatzky:2006:PRR]
- [KPSL10] Andreas Kjellin, Lars Winkler Pettersson, Stefan Seipel, and Mats Lind. Evaluating 2D and 3D visualizations of spatiotemporal information. *ACM Transactions on Applied Perception*, 7(3):19:1–19:??, June 2010. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- [Kjellin:2010:EVS]
- [KMHO13] Mikko Kyto, Aleksi Mäkinen, Jukka Häkkinen, and Pirkko Oittinen. Improving relative depth judgments in augmented reality with auxiliary augmentations. *ACM Transactions on Applied Perception*, 10(1):6:1–6:??, February 2013. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- [Kyto:2013:IRD]
- [KRV⁺14] Petr Kellnhofer, Tobias Ritschel, Peter Vangorp, Karol Myszkowski, and Hans-Peter Seidel. Stereo day-for-night: Retargeting disparity for scotopic vision. *ACM Transactions on Applied Perception*, 11(3):15:1–15:??, August 2014. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- [Kellnhofer:2014:SDN]

- 1544-3558 (print), 1544-3965 (electronic).
- Kastanis:2012:RLU**
- [KS12] Iason Kastanis and Mel Slater. Reinforcement learning utilizes proxemics: An avatar learns to manipulate the position of people in immersive virtual reality. *ACM Transactions on Applied Perception*, 9(1):3:1–3:??, March 2012. CODEN ????, ISSN 1544-3558 (print), 1544-3965 (electronic).
- Kokkinara:2015:EVC**
- [KSLM15] Elena Kokkinara, Mel Slater, and Joan López-Moliner. The effects of visuomotor calibration to the perceived space and body, through embodiment in immersive virtual reality. *ACM Transactions on Applied Perception*, 13(1):3:1–3:??, December 2015. CODEN ????, ISSN 1544-3558 (print), 1544-3965 (electronic).
- Kikuuwe:2005:EHD**
- [KSM⁺05] Ryo Kikuuwe, Akihito Sano, Hiromi Mochiyama, Naoyuki Takesue, and Hideo Fujimoto. Enhancing haptic detection of surface undulation. *ACM Transactions on Applied Perception*, 2(1):46–67, January 2005. CODEN ????, ISSN 1544-3558 (print), 1544-3965 (electronic).
- Kuhl:2009:HCE**
- [KTCR09] Scott A. Kuhl, William B. Thompson, and Sarah H. Creem-Regehr. HMD calibration and its effects on distance judgments. *ACM Transactions on Applied Perception*, 6(3):19:1–19:??, August 2009. CODEN ????, ISSN 1544-3558 (print), 1544-3965 (electronic).
- Koenderink:2016:CPI**
- [KVE16] Jan Koenderink, Andrea Van Doorn, and Vebjørn Ekroll. Color picking: The initial 20s. *ACM Transactions on Applied Perception*, 13(3):13:1–13:??, May 2016. CODEN ????, ISSN 1544-3558 (print), 1544-3965 (electronic).
- Kim:2010:MSH**
- [KVJG10] Youngmin Kim, Amitabh Varshney, David W. Jacobs, and François Guimbretière. Mesh saliency and human eye fixations. *ACM Transactions on Applied Perception*, 7(2):12:1–12:??, February 2010. CODEN ????, ISSN 1544-3558 (print), 1544-3965 (electronic).
- Kramer:2005:SSM**
- [KW05] Gregory Kramer and Bruce N. Walker. Sound science: Marking ten international conferences on auditory display. *ACM Transactions on Applied Perception*, 2(4):383–388, October 2005. CODEN ????, ISSN 1544-3558 (print), 1544-3965 (electronic).
- Khan:2009:CPE**
- [KWI09] Masood Mehmood Khan, Robert D. Ward, and Michael Ingleby. Classifying pretended and evoked

- facial expressions of positive and negative affective states using infrared measurement of skin temperature. *ACM Transactions on Applied Perception*, 6(1):6:1–6:??, February 2009. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Klatzky:2008:EAR**
- [KWSS08] Roberta L. Klatzky, Bing Wu, Damion Shelton, and George Stetten. Effectiveness of augmented-reality visualization versus cognitive mediation for learning actions in near space. *ACM Transactions on Applied Perception*, 5(1):1:1–1:??, January 2008. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Kuang:2007:EHR**
- [KYL⁺07] Jiangtao Kuang, Hiroshi Yamaguchi, Changmeng Liu, Garrett M. Johnson, and Mark D. Fairchild. Evaluating HDR rendering algorithms. *ACM Transactions on Applied Perception*, 4(2):9:1–9:??, July 2007. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Li:2009:PIM**
- [LAE09] Li Li, Bernard D. Adelstein, and Stephen R. Ellis. Perception of image motion during head movement. *ACM Transactions on Applied Perception*, 6(1):5:1–5:??, February 2009. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Lavoue:2009:LRM**
- [Lav09] Guillaume Lavoué. A local roughness measure for 3D meshes and its application to visual masking. *ACM Transactions on Applied Perception*, 5(4):21:1–21:??, January 2009. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Lecuyer:2008:SMS**
- [LBT08] Anatole Lécuyer, Jean-Marie Burkhardt, and Chee-Hian Tan. A study of the modification of the speed and size of the cursor for simulating pseudo-haptic bumps and holes. *ACM Transactions on Applied Perception*, 5(3):14:1–14:??, August 2008. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Lichtenstein:2007:FCI**
- [LBWP07] Lee Lichtenstein, James Barabas, Russell L. Woods, and Eli Peli. A feedback-controlled interface for treadmill locomotion in virtual environments. *ACM Transactions on Applied Perception*, 4(1):??, January 2007. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Legde:2015:MAP**
- [LCC15] Katharina Legde, Susana Castillo, and Douglas W. Cunningham. Multimodal affect: Perceptually evaluating an affective talking head. *ACM Transactions on Applied Perception*, 12(4):17:1–17:??, September 2015. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).

- Leroy:2012:RTA**
- [LFM12] Laure Leroy, Philippe Fuchs, and Guillaume Moreau. Real-time adaptive blur for reducing eye strain in stereoscopic displays. *ACM Transactions on Applied Perception*, 9(2):9:1–9:??, June 2012. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Lederman:2006:PRR**
- [LKTH06] Susan J. Lederman, Roberta L. Klatzky, Christine Tong, and Cheryl Hamilton. The perceived roughness of resistive virtual textures: II. effects of varying viscosity with a force-feedback device. *ACM Transactions on Applied Perception*, 3(1):15–30, January 2006. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Leyrer:2015:EHM**
- [LLBM15] Markus Leyrer, Sally A. Linke-nauger, Heinrich H. Bülthoff, and Betty J. Mohler. Eye height manipulations: a possible solution to reduce underestimation of egocentric distances in head-mounted displays. *ACM Transactions on Applied Perception*, 12(1):1:1–1:??, March 2015. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Lu:2010:VCE**
- [LME10] Aidong Lu, Ross Maciejewski, and David S. Ebert. Volume composition and evaluation using eye-tracking data. *ACM*
- Transactions on Applied Perception*, 7(1):4:1–4:??, January 2010. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Laitinen:2012:PTF**
- [LPEP12] Mikko-Ville Laitinen, Tapani Pihlajamäki, Cumhur Erkut, and Ville Pulkki. Parametric time-frequency representation of spatial sound in virtual worlds. *ACM Transactions on Applied Perception*, 9(2):8:1–8:??, June 2012. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Levesque:2005:DVB**
- [LPHL05] Vincent Lévesque, Jérôme Pasquier, Vincent Hayward, and Maryse Legault. Display of virtual Braille dots by lateral skin deformation: feasibility study. *ACM Transactions on Applied Perception*, 2(2):132–149, April 2005. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Li:2009:NEF**
- [LPO09] Yanfang Li, Volkan Patoglu, and Marcia K. O’Malley. Negative efficacy of fixed gain error reducing shared control for training in virtual environments. *ACM Transactions on Applied Perception*, 6(1):3:1–3:??, February 2009. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).

- Langer:2006:PLM**
- [LPR06] Michael S. Langer, Javeen Pereira, and Dipinder Rekhi. Perceptual limits on 2D motion-field visualization. *ACM Transactions on Applied Perception*, 3(3):179–193, July 2006. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Lovell:2006:EMC**
- [LPT⁺06] P. George Lovell, C. Alejandro Párraga, Tom Troscianko, Caterina Ripamonti, and David J. Tolhurst. Evaluation of a multi-scale color model for visual difference prediction. *ACM Transactions on Applied Perception*, 3(3):155–178, July 2006. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Lin:2015:AJH**
- [LRB15] Qiu Feng Lin, John Rieser, and Bobby Bodenheimer. Affordance judgments in HMD-based virtual environments: Stepping over a pole and stepping off a ledge. *ACM Transactions on Applied Perception*, 12(2):6:1–6:???, April 2015. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Llylykangas:2013:IVS**
- [LSRR13] Jani Llylykangas, Veikko Surakka, Jussi Rantala, and Roope Raisamo. Intuitiveness of vibrotactile speed regulation cues. *ACM Transactions on Applied Perception*, 10(4):24:1–24:???, October 2013. CODEN ????
- Llobera:2010:PMD**
- [LSRS10] Joan Llobera, Bernhard Spanlang, Giulio Ruffini, and Mel Slater. Proxemics with multiple dynamic characters in an immersive virtual environment. *ACM Transactions on Applied Perception*, 8(1):3:1–3:???, October 2010. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Li:2010:SCS**
- [LXXB10] Bing Li, Weihua Xiong, De Xu, and Hong Bao. A supervised combination strategy for illumination chromaticity estimation. *ACM Transactions on Applied Perception*, 8(1):5:1–5:???, October 2010. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Lin:2013:SMA**
- [LZG⁺13] Kai-Hsiang Lin, Xiaodan Zhuang, Camille Goudeseune, Sarah King, Mark Hasegawa-Johnson, and Thomas S. Huang. Saliency-maximized audio visualization and efficient audio-visual browsing for faster-than-real-time human acoustic event detection. *ACM Transactions on Applied Perception*, 10(4):26:1–26:???, October 2013. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).

- Merer:2013:PCM**
- [MAYKM13] Adrien Merer, Mitsuko Aramaki, Sølvi Ystad, and Richard Kronland-Martinet. Perceptual characterization of motion evoked by sounds for synthesis control purposes. *ACM Transactions on Applied Perception*, 10(1):1:1–1:??, February 2013. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- McGookin:2004:UCE**
- [MB04] David K. McGookin and Stephen A. Brewster. Understanding concurrent earcons: Applying auditory scene analysis principles to concurrent earcon recognition. *ACM Transactions on Applied Perception*, 1(2):130–155, October 2004. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Mania:2010:EAS**
- [MB10] Katerina Mania and Martin S. Banks. Editorial – APGV 2010 special issue. *ACM Transactions on Applied Perception*, 7(4):21:1–21:??, July 2010. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Mania:2010:CTS**
- [MBCW10] Katerina Mania, Shahrul Badariah, Matthew Coxon, and Phil Wattten. Cognitive transfer of spatial awareness states from immersive virtual environments to reality. *ACM Transactions on Applied Perception*, 7(2):9:1–9:??, February 2010. CODEN ????
- Miner:2005:UWS**
- [MC05] Nadine E. Miner and Thomas P. Caudell. Using wavelets to synthesize stochastic-based sounds for immersive virtual environments. *ACM Transactions on Applied Perception*, 2(4):521–528, October 2005. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic). See comments [MPC05].
- McNamara:2006:EVA**
- [McN06] Ann McNamara. Exploring visual and automatic measures of perceptual fidelity in real and simulated imagery. *ACM Transactions on Applied Perception*, 3(3):217–238, July 2006. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Messing:2005:DPV**
- [MD05] Ross Messing and Frank H. Durgin. Distance perception and the visual horizon in head-mounted displays. *ACM Transactions on Applied Perception*, 2(3):234–250, July 2005. CODEN ????
- ISSN 1544-3558 (print), 1544-3965 (electronic).
- McNamara:2009:STP**
- [MBG09] Ann McNamara, Reynold Bailey, and Cindy Grimm. Search task performance using subtle gaze direction with the presence of distractions. *ACM Transactions on Applied Perception*, 6(3):17:1–17:??, August 2009. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).

- ISSN 1544-3558 (print), 1544-3965 (electronic).
- Mion:2010:POA**
- [MDR10] Luca Mion, Giovanni De Poli, and Ennio Rapanà. Perceptual organization of affective and sensorial expressive intentions in music performance. *ACM Transactions on Applied Perception*, 7(2):14:1–14:??, February 2010. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Murphy:2009:HIM**
- [MDT09] Hunter A. Murphy, Andrew T. Duchowski, and Richard A. Tyrrell. Hybrid image/model-based gaze-contingent rendering. *ACM Transactions on Applied Perception*, 5(4):22:1–22:??, January 2009. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- McDonnell:2009:TBS**
- [MEDO09] Rachel McDonnell, Cathy Ennis, Simon Dobbyn, and Carol O’Sullivan. Talking bodies: Sensitivity to desynchronization of conversations. *ACM Transactions on Applied Perception*, 6(4):22:1–22:??, September 2009. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Mustafa:2012:STE**
- [MGM12] Maryam Mustafa, Stefan Guthe, and Marcus Magnor. Single-trial EEG classification of artifacts in videos. *ACM Transactions on Applied Perception*, 9(3):12:1–12:??, July 2012. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Marentakis:2016:TID**
- [MGM16] Georgios Marentakis, Cathryn Griffiths, and Stephen Mcadams. Top-down influences in the detection of spatial displacement in a musical scene. *ACM Transactions on Applied Perception*, 14(1):3:1–3:??, August 2016. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Meyer:2016:SVC**
- [MGVM16] Benjamin Meyer, Steve Grogorick, Mark Vollrath, and Marcus Magnor. Simulating visual contrast reduction during nighttime glare situations on conventional displays. *ACM Transactions on Applied Perception*, 14(1):4:1–4:??, August 2016. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Majumder:2007:PBC**
- [MI07] Aditi Majumder and Sandy Irani. Perception-based contrast enhancement of images. *ACM Transactions on Applied Perception*, 4(3):17:1–17:??, November 2007. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- McDonnell:2009:EEM**
- [MJH⁺09] Rachel McDonnell, Sophie Jörg, Jessica K. Hodgins, Fiona Newell, and Carol O’Sullivan. Evaluating the effect of motion and body shape on the

- perceived sex of virtual characters. *ACM Transactions on Applied Perception*, 5(4):20:1–20:??, January 2009. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- McDonnell:2009:IRB**
- [MJM⁺09] Rachel McDonnell, Sophie Jörg, Joanna McHugh, Fiona N. Newell, and Carol O’Sullivan. Investigating the role of body shape on the perception of emotion. *ACM Transactions on Applied Perception*, 6(3):14:1–14:??, August 2009. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Marston:2006:ESD**
- [MLK⁺06] James R. Marston, Jack M. Loomis, Roberta L. Klatzky, Reginald G. Golledge, and Ethan L. Smith. Evaluation of spatial displays for navigation without sight. *ACM Transactions on Applied Perception*, 3(2):110–124, April 2006. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Marentakis:2013:PIG**
- [MM13] G. Marentakis and S. Mcadams. Perceptual impact of gesture control of spatialization. *ACM Transactions on Applied Perception*, 10(4):22:1–22:??, October 2013. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Mantiuk:2006:PFC**
- [MMS06] Rafal Mantiuk, Karol Myszkowski, and Hans-Peter Seidel. A perceptual framework for contrast processing of high dynamic range images. *ACM Transactions on Applied Perception*, 3(3):286–308, July 2006. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Mccrae:2013:SPP**
- [MMS13] James Mccrae, Niloy J. Mitra, and Karan Singh. Surface perception of planar abstractions. *ACM Transactions on Applied Perception*, 10(3):14:1–14:??, August 2013. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Moscoso:2015:ASI**
- [MMSO15] Claudia Moscoso, Barbara Matusiak, U. Peter Svensson, and Krzysztof Orleanski. Analysis of stereoscopic images as a new method for daylighting studies. *ACM Transactions on Applied Perception*, 11(4):21:1–21:??, January 2015. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Morvan:2009:HOT**
- [MO09a] Yann Morvan and Carol O’Sullivan. Handling occluders in transitions from panoramic images: a perceptual study. *ACM Transactions on Applied Perception*, 6(4):25:1–25:??, September 2009. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).

- Morvan:2009:PAT**
- [MO09b] Yann Morvan and Carol O’Sullivan. A perceptual approach to trimming and tuning unstructured lumigraphs. *ACM Transactions on Applied Perception*, 5(4):19:1–19:??, January 2009. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic). [MS12]
- Munn:2009:FAI**
- [MP09] Susan M. Munn and Jeff B. Pelz. FixTag: An algorithm for identifying and tagging fixations to simplify the analysis of data collected by portable eye trackers. *ACM Transactions on Applied Perception*, 6(3):16:1–16:??, August 2009. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic). [MSHLR16]
- Miner:2005:ACM**
- [MPC05] Nadine E. Miner, Victor E. Vergara Panaiotis, and Thomas Preston Caudell. Authors’ comments on Miner and Caudell, ICAD 1997. *ACM Transactions on Applied Perception*, 2(4):529–533, October 2005. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic). See [MC05].
- Mourkoussis:2010:QFV**
- [MRT⁺10] Nicholaos Mourkoussis, Fiona M. Rivera, Tom Troscianko, Tim Dixon, Rycharde Hawkes, and Katerina Mania. Quantifying fidelity for virtual environment simulations employing memory schema assumptions. *ACM Transactions on Applied Perception*, 8(1):2:1–2:??, October 2010. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- McDonnell:2012:ISI**
- Rachel McDonnell and Veronica Sundstedt. Introduction to special issue SAP 2012. *ACM Transactions on Applied Perception*, 9(3):10:1–10:??, July 2012. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Morrison-Smith:2016:UAC**
- Sarah Morrison-Smith, Megan Hofmann, Yang Li, and Jaime Ruiz. Using audio cues to support motion gesture interaction on mobile devices. *ACM Transactions on Applied Perception*, 13(3):16:1–16:??, May 2016. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Mohler:2007:CLR**
- [MTCR⁺07] Betty J. Mohler, William B. Thompson, Sarah H. Creem-Regehr, Peter Willemsen, Herbert L. Pick, Jr., and John J. Rieser. Calibration of locomotion resulting from visual motion in a treadmill-based virtual environment. *ACM Transactions on Applied Perception*, 4(1):??, January 2007. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).

- Mihtsentu:2015:DVS**
- [MW15] Mezgeb Tesfayesus Mihtsentu and Colin Ware. Discrete versus solid: Representing quantity using linear, area, and volume glyphs. *ACM Transactions on Applied Perception*, 12(3):12:1–12:??, July 2015. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Napieralski:2011:NFD**
- [NAB⁺11] Phillip E. Napieralski, Bliss M. Altenhoff, Jeffrey W. Bertrand, Lindsay O. Long, Sabarish V. Babu, Christopher C. Pagano, Justin Kern, and Timothy A. Davis. Near-field distance perception in real and virtual environments using both verbal and action responses. *ACM Transactions on Applied Perception*, 8(3):18:1–18:??, August 2011. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Navarro:2011:PCM**
- [NCSG11] Fernando Navarro, Susana Castillo, Francisco J. Serón, and Diego Gutierrez. Perceptual considerations for motion blur rendering. *ACM Transactions on Applied Perception*, 8(3):20:1–20:??, August 2011. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Newsham:2010:CLQ**
- [NCVW10] Guy R. Newsham, Duygu Cetegen, Jennifer A. Veitch, and Lorne Whitehead. Comparing lighting quality evaluations of real scenes with those from high dynamic range and conventional images. *ACM Transactions on Applied Perception*, 7(2):13:1–13:??, February 2010. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Neumann:2006:IRP**
- [NG06] Dirk Neumann and Karl R. Gegenfurtner. Image retrieval and perceptual similarity. *ACM Transactions on Applied Perception*, 3(1):31–47, January 2006. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Nymoen:2013:ACB**
- [NGJT13] Kristian Nymoen, Rolf Inge Godøy, Alexander Refsum Jensenius, and Jim Torresen. Analyzing correspondence between sound objects and body motion. *ACM Transactions on Applied Perception*, 10(2):9:1–9:??, May 2013. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Niemenlehto:2006:DES**
- [NJS06] Pekka-Henrik Niemenlehto, Martti Juhola, and Veikko Surakka. Detection of electromyographic signals from facial muscles with neural networks. *ACM Transactions on Applied Perception*, 3(1):48–61, January 2006. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).

- Niewiadomski:2015:EWP**
- [NP15] Radoslaw Niewiadomski and Catherine Pelachaud. The effect of wrinkles, presentation mode, and intensity on the perception of facial actions and full-face expressions of laughter. *ACM Transactions on Applied Perception*, 12(1):2:1–2:??, March 2015. CODEN ??? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Niu:2012:VES**
- [NTKA12] Yaqing Niu, Rebecca M. Todd, Matthew Kyan, and Adam K. Anderson. Visual and emotional salience influence eye movements. *ACM Transactions on Applied Perception*, 9(3):13:1–13:??, July 2012. CODEN ??? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Nunez-Varela:2013:MGC**
- [NVW13] Jose Nunez-Varela and Jeremy L. Wyatt. Models of gaze control for manipulation tasks. *ACM Transactions on Applied Perception*, 10(4):20:1–20:??, October 2013. CODEN ??? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Nees:2008:DDT**
- [NW08] Michael A. Nees and Bruce N. Walker. Data density and trend reversals in auditory graphs: Effects on point-estimation and trend-identification tasks. *ACM Transactions on Applied Perception*, 5(3):13:1–13:??, August 2008. CODEN ??? ISSN 1544-3558 (print), 1544-3965 (electronic).
- [NZG⁺11]**
- Tien Dat Nguyen, Christine J. Ziemer, Timofey Grechkin, Benjamin Chihak, Jodie M. Plumert, James F. Cremer, and Joseph K. Kearney. Effects of scale change on distance perception in virtual environments. *ACM Transactions on Applied Perception*, 8(4):26:1–26:??, November 2011. CODEN ??? ISSN 1544-3558 (print), 1544-3965 (electronic).
- OToole:2012:CFR**
- [OAD⁺12] Alice J. O’Toole, Xaiobo An, Joseph Dunlop, Vaidehi Natu, and P. Jonathon Phillips. Comparing face recognition algorithms to humans on challenging tasks. *ACM Transactions on Applied Perception*, 9(4):16:1–16:??, October 2012. CODEN ??? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Ondrej:2016:FDA**
- [OEMO16] Jan Ondrej, Cathy Ennis, Ni-amh A. Merriman, and Carol O’sullivan. FrankenFolk: Distinctiveness and attractiveness of voice and motion. *ACM Transactions on Applied Perception*, 13(4):20:1–20:??, July 2016. CODEN ??? ISSN 1544-3558 (print), 1544-3965 (electronic).

- | | |
|--|--|
| <div style="border: 1px solid black; padding: 5px; text-align: center;">Oulasvirta:2012:HRR</div> <p>[ONS12] Antti Oulasvirta, Antti Nurminen, and Tiiia Suomalainen. How real is real enough? Optimal reality sampling for fast recognition of mobile imagery. <i>ACM Transactions on Applied Perception</i>, 9(4):21:1–21:??, October 2012. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Ottaviani:2004:APS</div> <p>[OR04] Laura Ottaviani and Davide Rocchesso. Auditory perception of 3D size: Experiments with synthetic resonators. <i>ACM Transactions on Applied Perception</i>, 1(2):118–129, October 2004. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">OSullivan:2005:CA</div> <p>[O'S05] Carol O’Sullivan. Collisions and attention. <i>ACM Transactions on Applied Perception</i>, 2(3):309–321, July 2005. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Palmer:2008:EAT</div> <p>[PCK08] Evan M. Palmer, Timothy C. Clausner, and Philip J. Kellman. Enhancing air traffic displays via perceptual cues. <i>ACM Transactions on Applied Perception</i>, 5(1):4:1–4:??, January 2008. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).</p> | <div style="border: 1px solid black; padding: 5px; text-align: center;">Payandeh:2005:SLD</div> <p>[PDZ05] Shahram Payandeh, John Dill, and Jian Zhang. A study of level-of-detail in haptic rendering. <i>ACM Transactions on Applied Perception</i>, 2(1):15–34, January 2005. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Pfluger:2015:SFW</div> <p>[PHRE15] Hermann Pflüger, Benjamin Höferlin, Michael Raschke, and Thomas Ertl. Simulating fixations when looking at visual arts. <i>ACM Transactions on Applied Perception</i>, 12(3):9:1–9:??, July 2015. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Peters:2008:ACT</div> <p>[PI08] Robert J. Peters and Laurent Itti. Applying computational tools to predict gaze direction in interactive visual environments. <i>ACM Transactions on Applied Perception</i>, 5(2):9:1–9:??, May 2008. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Phillips:2011:ORE</div> <p>[PJN⁺11] P. Jonathon Phillips, Fang Jiang, Abhijit Narvekar, Julianne Ayyad, and Alice J. O’Toole. An other-race effect for face recognition algorithms. <i>ACM Transactions on Applied Perception</i>, 8(2):14:1–14:??, January 2011. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).</p> |
|--|--|

- | | |
|--|---|
| <p>Pelah:2007:EWR</p> <p>[PK07] Adar Pelah and Jan J. Koenderink. Editorial: Walking in real and virtual environments. <i>ACM Transactions on Applied Perception</i>, 4(1):??, January 2007. CODEN ??? ISSN 1544-3558 (print), 1544-3965 (electronic).</p> <p>Plumert:2005:DPR</p> <p>[PKCR05] Jodie M. Plumert, Joseph K. Kearney, James F. Cremer, and Kara Recker. Distance perception in real and virtual environments. <i>ACM Transactions on Applied Perception</i>, 2(3):216–233, July 2005. CODEN ??? ISSN 1544-3558 (print), 1544-3965 (electronic).</p> <p>Pacchierotti:2014:ITT</p> <p>[PTP14] Claudio Pacchierotti, Asad Tirmizi, and Domenico Prattichizzo. Improving transparency in teleoperation by means of cutaneous tactile force feedback. <i>ACM Transactions on Applied Perception</i>, 11(1):4:1–4:??, April 2014. CODEN ??? ISSN 1544-3558 (print), 1544-3965 (electronic).</p> <p>Pineo:2010:NMF</p> <p>[PW10] Daniel Pineo and Colin Ware. Neural modeling of flow rendering effectiveness. <i>ACM Transactions on Applied Perception</i>, 7(3):20:1–20:??, June 2010. CODEN ??? ISSN 1544-3558 (print), 1544-3965 (electronic).</p> | <p>Reinhard:2004:E</p> <p>[RB04] Erik Reinhard and Heinrich Bülthoff. Editorial. <i>ACM Transactions on Applied Perception</i>, 1(1):1–2, July 2004. CODEN ??? ISSN 1544-3558 (print), 1544-3965 (electronic).</p> <p>Reinhard:2008:E</p> <p>[RB08] Erik Reinhard and Heinrich Bülthoff. Editorial. <i>ACM Transactions on Applied Perception</i>, 5(2):6:1–6:??, May 2008. CODEN ??? ISSN 1544-3558 (print), 1544-3965 (electronic).</p> <p>Ramic-Brkic:2014:OAV</p> <p>[RBC14] Belma Ramic-Brkic and Alan Chalmers. Olfactory adaptation in virtual environments. <i>ACM Transactions on Applied Perception</i>, 11(2):6:1–6:??, July 2014. CODEN ??? ISSN 1544-3558 (print), 1544-3965 (electronic).</p> <p>Rebillat:2012:AVA</p> <p>[RBCK12] Marc Rébillat, Xavier Boutilhon, Étienne Corteel, and Brian F. G. Katz. Audio, visual, and audio-visual egocentric distance perception by moving subjects in virtual environments. <i>ACM Transactions on Applied Perception</i>, 9(4):19:1–19:??, October 2012. CODEN ??? ISSN 1544-3558 (print), 1544-3965 (electronic).</p> <p>Rosenholtz:2011:DPV</p> <p>[RDF11] Ruth Rosenholtz, Amal Dorai, and Rosalind Freeman. Do pre-</p> |
|--|---|

- dictions of visual perception aid design? *ACM Transactions on Applied Perception*, 8(2):12:1–12:??, January 2011. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Robles-De-La-Torre:2004:NEI**
- [RDLTS04] G. Robles-De-La-Torre and R. Sekuler. Numerically estimating internal models of dynamic virtual objects. *ACM Transactions on Applied Perception*, 1(2):102–117, October 2004. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Riecke:2009:ASM**
- [RFR09] Bernhard E. Riecke, Daniel Feuereissen, and John J. Rieser. Auditory self-motion simulation is facilitated by haptic and vibrational cues suggesting the possibility of actual motion. *ACM Transactions on Applied Perception*, 6(3):20:1–20:??, August 2009. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Rigas:2016:BRE**
- [RKS16] Ioannis Rigas, Oleg Komogortsev, and Reza Shadmehr. Biometric recognition via eye movements: Saccadic vigor and acceleration cues. *ACM Transactions on Applied Perception*, 13(2):6:1–6:??, March 2016. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Radun:2008:CQI**
- [RLH⁺08] Jenni Radun, Tuomas Leisti, Jukka Häkkinen, Harri Ojanen, Jean-Luc Olives, Tero Vuori, and Göte Nyman. Content and quality: Interpretation-based estimation of image quality. *ACM Transactions on Applied Perception*, 4(4):2:1–2:??, January 2008. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Radun:2010:EMV**
- [RLV⁺10] Jenni Radun, Tuomas Leisti, Toni Virtanen, Jukka Häkkinen, Tero Vuori, and Göte Nyman. Evaluating the multivariate visual quality performance of image-processing components. *ACM Transactions on Applied Perception*, 7(3):16:1–16:??, June 2010. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Rocchesso:2012:PRP**
- [RM12] Davide Rocchesso and Stefano Delle Monache. Perception and replication of planar sonic gestures. *ACM Transactions on Applied Perception*, 9(4):18:1–18:??, October 2012. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Rummukainen:2016:RRM**
- [RM16] Olli Rummukainen and Catarina Mendonça. Reproducing reality: Multimodal contributions in natural scene discrimination. *ACM Transactions on*

- Applied Perception*, 14(1):1:1–1:??, August 2016. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Radun:2016:IDI**
- [RNLH16] Jenni Radun, Mikko Nuutinen, Tuomas Leisti, and Jukka Häkkinen. Individual differences in image-quality estimations: Estimation rules and viewing strategies. *ACM Transactions on Applied Perception*, 13(3):14:1–14:??, May 2016. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Reitsma:2009:ESP**
- [RO09] Paul S. A. Reitsma and Carol O’Sullivan. Effect of scenario on perceptual sensitivity to errors in animation. *ACM Transactions on Applied Perception*, 6(3):15:1–15:??, August 2009. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Rienks:2010:DHO**
- [RPH10] Rutger Rienks, Ronald Poppe, and Dirk Heylen. Differences in head orientation behavior for speakers and listeners: An experiment in a virtual environment. *ACM Transactions on Applied Perception*, 7(1):2:1–2:??, January 2010. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Runpta:2016:PCP**
- [RRM⁺16] Atul Runpta, Sarah Rust, Nicolas Morales, Roberta Klatzky, Ming Lin, and Dinesh Manocha.
- Psychoacoustic characterization of propagation effects in virtual environments. *ACM Transactions on Applied Perception*, 13(4):21:1–21:??, July 2016. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Renner:2015:ISB**
- [RSM⁺15] Rebekka S. Renner, Erik Steindecker, Mathias Müller, Boris M. Velichkovsky, Ralph Stelzer, Sebastian Pannasch, and Jens R. Helmert. The influence of the stereo base on blind and sighted reaches in a virtual environment. *ACM Transactions on Applied Perception*, 12(2):7:1–7:??, April 2015. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Riecke:2006:CFC**
- [RSPA⁺06] Bernhard E. Riecke, Jörg Schulte-Pelkum, Marios N. Avraamides, Markus Von Der Heyde, and Heinrich H. Bülthoff. Cognitive factors can influence self-motion perception (vection) in virtual reality. *ACM Transactions on Applied Perception*, 3(3):194–216, July 2006. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Rosli:2011:AGC**
- [RTPG11] Roslizawaty Mohd Rosli, Hong Z. Tan, Robert W. Proctor, and Rob Gray. Attentional gradient for crossmodal proximal-distal tactile cueing of visual spatial attention. *ACM Transactions on Applied Perception*, 8(1):1:1–1:??, February 2011. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).

- (4):23:1–23:??, November 2011. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Rushmeier:2005:GE**
- [Rus05] Holly Rushmeier. Guest editorial. *ACM Transactions on Applied Perception*, 2(3):181–182, July 2005. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Riecke:2005:VCC**
- [RVB05] Bernhard E. Riecke, Markus Von Der Heyde, and Heinrich H. Bülthoff. Visual cues can be sufficient for triggering automatic, reflexlike spatial updating. *ACM Transactions on Applied Perception*, 2(3):183–215, July 2005. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Ruddle:2013:LWV**
- [RVB13] Roy A. Ruddle, Ekaterina Volkova, and Heinrich H. Bülthoff. Learning to walk in virtual reality. *ACM Transactions on Applied Perception*, 10(2):11:1–11:??, May 2013. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Riecke:2009:MSE**
- [RVSP09] Bernhard E. Riecke, Aleksander Väljamäe, and Jörg Schulte-Pelkum. Moving sounds enhance the visually-induced self-motion illusion (circularvection) in virtual reality. *ACM Transactions on Applied Perception*, 6(2):7:1–7:??, February 2009. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Seward:2007:UVE**
- [SAB07] A. Elizabeth Seward, Daniel H. Ashmead, and Bobby Bodenheimer. Using virtual environments to assess time-to-contact judgments from pedestrian viewpoints. *ACM Transactions on Applied Perception*, 4(3):18:1–18:??, November 2007. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Schumacher:2012:WFP**
- [SB12] Matthaeus Schumacher and Volker Blanz. Which facial profile do humans expect after seeing a frontal view? a comparison with a linear face model. *ACM Transactions on Applied Perception*, 9(3):11:1–11:??, July 2012. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Sprague:2007:MEV**
- [SBR07] Nathan Sprague, Dana Ballard, and Al Robinson. Modeling embodied visual behaviors. *ACM Transactions on Applied Perception*, 4(2):11:1–11:??, July 2007. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Sahm:2005:TVW**
- [SCRTW05] Cynthia S. Sahm, Sarah H. Creem-Regehr, William B. Thompson, and Peter Willemse. Throwing versus walking as

- indicators of distance perception in similar real and virtual environments. *ACM Transactions on Applied Perception*, 2(1):35–45, January 2005. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Shinn-Cunningham:2005:SAD**
- [SCS05] Barbara G. Shinn-Cunningham and Timothy Streeter. Spatial auditory display: Comments on Shinn-Cunningham et al., ICAD 2001. *ACM Transactions on Applied Perception*, 2(4):426–429, October 2005. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic). See [SCSG05].
- Shinn-Cunningham:2005:PPS**
- [SCSG05] Barbara G. Shinn-Cunningham, Timothy Streeter, and Jean-François Gyss. Perceptual plasticity in spatial auditory displays. *ACM Transactions on Applied Perception*, 2(4):418–425, October 2005. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic). See comments [SCS05].
- Selmanovic:2013:GSH**
- [SDBRC13] Elmedin Selmanović, Kurt Debattista, Thomas Bashford-Rogers, and Alan Chalmers. Generating stereoscopic HDR images using HDR-LDR image pairs. *ACM Transactions on Applied Perception*, 10(1):3:1–3:??, February 2013. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- [SDW05] Do Hyoung Shin, Phillip S. Dunston, and Xiangyu Wang. View changes in augmented reality computer-aided-drawing. *ACM Transactions on Applied Perception*, 2(1):1–14, January 2005. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Shin:2005:VCA**
- [SGA⁺07] Veronica Sundstedt, Diego Gutierrez, Oscar Anson, Francesco Banterle, and Alan Chalmers. Perceptual rendering of participating media. *ACM Transactions on Applied Perception*, 4(3):15:1–15:??, November 2007. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Sundstedt:2007:PRP**
- [SGF⁺10] Jan L. Souman, Paolo Robuffo Giordano, Ilja Frissen, Alessandro De Luca, and Marc O. Ernst. Making virtual walking real: Perceptual evaluation of a new treadmill control algorithm. *ACM Transactions on Applied Perception*, 7(2):11:1–11:??, February 2010. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Souman:2010:MVW**
- [SGS⁺11] J. L. Souman, P. Robuffo Giordano, M. Schwaiger, I. Frissen, T. Thümmel, H. Ulbrich, A. De Luca, H. H. Bülthoff, and M. O. Ernst. CyberWalk: Enabling unconstrained omnidirec-

- tional walking through virtual environments. *ACM Transactions on Applied Perception*, 8(4):25:1–25:??, November 2011. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Schmidt:2005:HNH**
- [SHBK05] Henning Schmidt, Stefan Hesse, Rolf Bernhardt, and Jörg Krüger. HapticWalker—a novel haptic foot device. *ACM Transactions on Applied Perception*, 2(2):166–180, April 2005. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Surakka:2004:GFN**
- [SII04] Veikko Surakka, Marko Illi, and Poika Isokoski. Gazing and frowning as a new human-computer interaction technique. *ACM Transactions on Applied Perception*, 1(1):40–56, July 2004. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Subedar:2016:BD**
- [SK16] Mahesh M. Subedar and Lina J. Karam. 3D blur discrimination. *ACM Transactions on Applied Perception*, 13(3):12:1–12:??, May 2016. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Stich:2011:PMI**
- [SLW⁺11] Timo Stich, Christian Linz, Christian Wallraven, Douglas Cunningham, and Marcus Magnor. Perception-motivated interpolation of image sequences.
- ACM Transactions on Applied Perception*, 8(2):11:1–11:??, January 2011. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Seuntiens:2006:PQC**
- [SMI06] Pieter Seuntiens, Lydia Meesters, and Wijnand IJsselsteijn. Perceived quality of compressed stereoscopic images: Effects of symmetric and asymmetric JPEG coding and camera separation. *ACM Transactions on Applied Perception*, 3(2):95–109, April 2006. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Shamir:2010:IES**
- [SMO⁺10] Lior Shamir, Tomasz Macura, Nikita Orlov, D. Mark Eckley, and Ilya G. Goldberg. Impressionism, expressionism, surrealism: Automated recognition of painters and schools of art. *ACM Transactions on Applied Perception*, 7(2):8:1–8:??, February 2010. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Sugano:2013:GBJ**
- [SMS13] Yusuke Sugano, Yasuyuki Matsushita, and Yoichi Sato. Graph-based joint clustering of fixations and visual entities. *ACM Transactions on Applied Perception*, 10(2):10:1–10:??, May 2013. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).

- Shamir:2016:DBA**
- [SNW16] Lior Shamir, Jenny Nissel, and Ellen Winner. Distinguishing between abstract art by artists vs. children and animals: Comparison between human and machine perception. *ACM Transactions on Applied Perception*, 13(3):17:1–17:??, May 2016. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Stenholt:2015:BUC**
- [Ste15] Rasmus Stenholt. On the benefits of using constant visual angle glyphs in interactive exploration of 3D scatterplots. *ACM Transactions on Applied Perception*, 11(4):19:1–19:??, January 2015. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Schwaninger:2006:PPM**
- [SVHS06] Adrian Schwaninger, Julia Vogel, Franziska Hofer, and Bernt Schiele. A psychophysically plausible model for typicality ranking of natural scenes. *ACM Transactions on Applied Perception*, 3(4):333–353, October 2006. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Stransky:2014:ELT**
- [SWA14] Debi Stransky, Laurie M. Wilcox, and Robert S. Allison. Effects of long-term exposure on sensitivity and comfort with stereoscopic displays. *ACM Transactions on Applied Perception*, 11(3):12:1–12:??, August 2014. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Transactions on Applied Perception**, 11(1):2:1–2:??, April 2014. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Schuwerk:2015:CEC**
- [SXCS15] Clemens Schuwerk, Xiao Xu, Rahul Chaudhari, and Eckehard Steinbach. Compensating the effect of communication delay in client-server-based shared haptic virtual environments. *ACM Transactions on Applied Perception*, 13(1):5:1–5:??, December 2015. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Trutoiu:2011:MAE**
- [TCMH11] Laura C. Trutoiu, Elizabeth J. Carter, Iain Matthews, and Jessica K. Hodgins. Modeling and animating eye blinks. *ACM Transactions on Applied Perception*, 8(3):17:1–17:??, August 2011. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Trutoiu:2014:STL**
- [TCP⁺14] Laura C. Trutoiu, Elizabeth J. Carter, Nancy Pollard, Jeffrey F. Cohn, and Jessica K. Hodgins. Spatial and temporal linearities in posed and spontaneous smiles. *ACM Transactions on Applied Perception*, 11(3):12:1–12:??, August 2014. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).

- Tarr:2008:IFA**
- [TGJ08] Michael J. Tarr, Athinodoros S. Georghiades, and Cullen D. Jackson. Identifying faces across variations in lighting: Psychophysics and computation. *ACM Transactions on Applied Perception*, 5(2):10:1–10:??, May 2008. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- To:2009:PDN**
- [TGT⁺09] M. P. S. To, I. D. Gilchrist, T. Troscianko, J. S. B. Kho, and D. J. Tolhurst. Perception of differences in natural-image stimuli: Why is peripheral viewing poorer than foveal? *ACM Transactions on Applied Perception*, 6(4):26:1–26:??, September 2009. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Thompson:2007:GE**
- [Tho07] William B. Thompson. Guest editorial. *ACM Transactions on Applied Perception*, 4(3):14:1–14:??, November 2007. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Thumfart:2011:MHA**
- [TJL⁺11] Stefan Thumfart, Richard H. A. H. Jacobs, Edwin Lughofer, Christian Eitzinger, Frans W. Cornelissen, Werner Groissboeck, and Roland Richter. Modeling human aesthetic perception of visual textures. *ACM Transactions on Applied Perception*, 8(4):27:1–27:??, November 2011. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Tompkin:2013:PAA**
- [TKK⁺13] James Tompkin, Min H. Kim, Kwang In Kim, Jan Kautz, and Christian Theobalt. Preference and artifact analysis for video transitions of places. *ACM Transactions on Applied Perception*, 10(3):13:1–13:??, August 2013. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Tan:2015:PLI**
- [TLS⁺15] Minghui Tan, Jean-François Lalonde, Lavanya Sharan, Holly Rushmeier, and Carol O’sullivan. The perception of lighting inconsistencies in composite outdoor scenes. *ACM Transactions on Applied Perception*, 12(4):18:1–18:??, September 2015. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Turchet:2013:WPA**
- [TSC13] Luca Turchet, Stefania Serafin, and Paola Cesari. Walking pace affected by interactive sounds simulating stepping on different terrains. *ACM Transactions on Applied Perception*, 10(4):23:1–23:??, October 2013. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).

- Tan:2007:DIF**
- [TSRD07] Hong Z. Tan, Mandayam A. Srinivasan, Charlotte M. Reed, and Nathaniel I. Durlach. Discrimination and identification of finger joint-angle position using active motion. *ACM Transactions on Applied Perception*, 4(2):10:1–10:??, July 2007. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- TenHolt:2011:HIS**
- [TVR⁺11] Gineke A. Ten Holt, Andrea J. Van Doorn, Marcel J. T. Reinders, Emile A. Hendriks, and Huib De Ridder. Human-inspired search for redundancy in automatic sign language recognition. *ACM Transactions on Applied Perception*, 8(2):15:1–15:??, January 2011. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Vickers:2005:MPA**
- [VA05] Paul Vickers and James L. Alty. Musical program auralization: Empirical studies. *ACM Transactions on Applied Perception*, 2(4):477–489, October 2005. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic). See comments [Vic05].
- VargasMartin:2016:DSF**
- [VCA16] Miguel Vargas Martin, Victor Cho, and Gabriel Averzano. Detection of subconscious face recognition using consumer-grade brain-computer interfaces. *ACM Transactions on Applied Perception*, 14(1):7:1–7:??, August 2016. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- VandenBerg:2008:PDI**
- [VCR08] Ronald Van den Berg, Frans W. Cornelissen, and Jos B. T. M. Roerdink. Perceptual dependencies in information visualization assessed by complex visual search. *ACM Transactions on Applied Perception*, 4(4):3:1–3:??, January 2008. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- vandenDoel:2005:PSC**
- [vdD05a] Kees van den Doel. From physics to sound: Comments on van den Doel, ICAD 2004. *ACM Transactions on Applied Perception*, 2(4):547–549, October 2005. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic). See [vdD05b].
- vandenDoel:2005:PBM**
- [vdD05b] Kees van den Doel. Physically based models for liquid sounds. *ACM Transactions on Applied Perception*, 2(4):534–546, October 2005. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic). See comments [vdD05a].
- Vicentini:2010:EFT**
- [VGBF10] M. Vicentini, S. Galvan, D. Botturi, and P. Fiorini. Evaluation of force and torque magnitude discrimination thresholds

- on the human hand-arm system. *ACM Transactions on Applied Perception*, 8(1):1:1–1:??, October 2010. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Vicovaro:2014:PEM**
- [VHBO14] Michele Vicovaro, Ludovic Hoyet, Luigi Burigana, and Carol O’sullivan. Perceptual evaluation of motion editing for realistic throwing animations. *ACM Transactions on Applied Perception*, 11(2):10:1–10:??, July 2014. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Vickers:2005:PAA**
- [Vic05] Paul Vickers. Program authorization: Author’s comments on Vickers and Alty, ICAD 2000. *ACM Transactions on Applied Perception*, 2(4):490–494, October 2005. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic). See [VA05].
- Vanhala:2012:VFA**
- [VSCM12] Toni Vanhala, Veikko Surakka, Matthieu Courgeon, and Jean-Claude Martin. Voluntary facial activations regulate physiological arousal and subjective experiences during virtual social stimulation. *ACM Transactions on Applied Perception*, 9(1):1:1–1:??, March 2012. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Vogel:2007:CNS**
- [VSWB07] Julia Vogel, Adrian Schwaninger, Christian Wallraven, and Heinrich H. Bülthoff. Categorization of natural scenes: Local versus global information and the role of color. *ACM Transactions on Applied Perception*, 4(3):19:1–19:??, November 2007. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- VanMensvoort:2010:PMO**
- [VVHV10] Koert Van Mensvoort, Peter Vos, Dik J. Hermes, and Robert Van Liere. Perception of mechanically and optically simulated bumps and holes. *ACM Transactions on Applied Perception*, 7(2):10:1–10:??, February 2010. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- VanErp:2005:WNV**
- [VVJD05] Jan B. F. Van Erp, Hendrik A. H. C. Van Veen, Chris Jansen, and Trevor Dobbins. Waypoint navigation with a vibrotactile waist belt. *ACM Transactions on Applied Perception*, 2(2):106–117, April 2005. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Wilcox:2006:PSV**
- [WAEG06] Laurie M. Wilcox, Robert S. Allison, Samuel Elfassy, and Cynthia Grelak. Personal space in virtual reality. *ACM Transactions on Applied Perception*, 3(4):412–428, October 2006. CO-

- DEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Wilcox:2015:EVP**
- [WAH⁺15] Laurie M. Wilcox, Robert S. Al-lison, John Helliker, Bert Dunk, and Roy C. Anthony. Evidence that viewers prefer higher frame-rate film. *ACM Transactions on Applied Perception*, 12(4):15:1–15:??, September 2015. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Ware:2004:MSR**
- [WB04] Colin Ware and Robert Bobrow. Motion to support rapid interactive queries on node-link diagrams. *ACM Transactions on Applied Perception*, 1(1):3–18, July 2004. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Wallraven:2007:ERW**
- [WBC⁺07] Christian Wallraven, Heinrich H. Bülthoff, Douglas W. Cunningham, Jan Fischer, and Dirk Bartz. Evaluation of real-world and computer-generated stylized facial expressions. *ACM Transactions on Applied Perception*, 4(3):16:1–16:??, November 2007. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Wallraven:2008:EPR**
- [WBCB08] Christian Wallraven, Martin Breidt, Douglas W. Cunningham, and Heinrich H. Bülthoff. Evaluating the perceptual realism of animated facial expres-
- sions. *ACM Transactions on Applied Perception*, 4(4):4:1–4:??, January 2008. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Williams:2011:EWP**
- [WBN⁺11] Betsy Williams, Stephen Bailey, Gayathri Narasimham, Muqun Li, and Bobby Bodenheimer. Evaluation of walking in place on a Wii balance board to explore a virtual environment. *ACM Transactions on Applied Perception*, 8(3):19:1–19:??, August 2011. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Weidenbacher:2006:SSS**
- [WBNF06] Ulrich Weidenbacher, Pierre Bayerl, Heiko Neumann, and Roland Fleming. Sketching shiny surfaces: 3D shape extraction and depiction of specular surfaces. *ACM Transactions on Applied Perception*, 3(3):262–285, July 2006. CODEN ???? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Willemse:2009:EHM**
- [WCCRT09] Peter Willemse, Mark B. Colton, Sarah H. Creem-Regehr, and William B. Thompson. The effects of head-mounted display mechanical properties and field of view on distance judgments in virtual environments. *ACM Transactions on Applied Perception*, 6(2):8:1–8:??, February 2009.

- CODEN ??? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Wang:2008:TSP**
- [WH08] Qi Wang and Vincent Hayward. Tactile synthesis and perceptual inverse problems seen from the viewpoint of contact mechanics. *ACM Transactions on Applied Perception*, 5(2):7:1–7:??, May 2008. CODEN ??? ISSN 1544-3558 (print), 1544-3965 (electronic). [WM08]
- Walker:2005:MMA**
- [WK05a] Bruce N. Walker and Gregory Kramer. Mappings and metaphors in auditory displays: An experimental assessment. *ACM Transactions on Applied Perception*, 2(4):407–412, October 2005. CODEN ??? ISSN 1544-3558 (print), 1544-3965 (electronic). See comments [WK05b]. [WMA12]
- Walker:2005:SDM**
- [WK05b] Bruce N. Walker and Gregory Kramer. Sonification design and metaphors: Comments on Walker and Kramer, ICAD 1996. *ACM Transactions on Applied Perception*, 2(4):413–417, October 2005. CODEN ??? ISSN 1544-3558 (print), 1544-3965 (electronic). See [WK05a].
- Williams:2015:IPE**
- [WKM⁺15] Duncan Williams, Alexis Kirke, Eduardo Miranda, Ian Daly, James Hallowell, James Weaver, Asad Malik, Etienne Roesch, Faustina Hwang, and Slawomir Nasuto. Investigating perceived emotional correlates of rhythmic density in algorithmic music composition. *ACM Transactions on Applied Perception*, 12(3):8:1–8:??, July 2015. CODEN ??? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Ware:2008:VGT**
- Colin Ware and Peter Mitchell. Visualizing graphs in three dimensions. *ACM Transactions on Applied Perception*, 5(1):2:1–2:??, January 2008. CODEN ??? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Watanabe:2012:GCV**
- Junji Watanabe, Taro Maeda, and Hideyuki Ando. Gaze-contingent visual presentation technique with electro-ocular-graph-based saccade detection. *ACM Transactions on Applied Perception*, 9(2):6:1–6:??, June 2012. CODEN ??? ISSN 1544-3558 (print), 1544-3965 (electronic).
- Watters:2008:VDL**
- Paul Watters, Frances Martin, and H. Steffen Stripf. Visual detection of LSB-encoded natural image steganography. *ACM Transactions on Applied Perception*, 5(1):5:1–5:??, January 2008. CODEN ??? ISSN 1544-3558 (print), 1544-3965 (electronic).
- [WMS08]

- Webster:2005:NTD**
- [WMVO05] Robert J. Webster III, Todd E. Murphy, Lawton N. Verner, and Allison M. Okamura. A novel two-dimensional tactile slip display: design, kinematics and perceptual experiments. *ACM Transactions on Applied Perception*, 2(2):150–165, April 2005. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Williams:2007:FSS**
- [WNW⁺07] Betsy Williams, Gayathri Narasimham, Claire Westerman, John Rieser, and Bobby Bodenheimer. Functional similarities in spatial representations between real and virtual environments. *ACM Transactions on Applied Perception*, 4(2):12:1–12:??, July 2007. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Wijntjes:2010:PPS**
- [WP10] Maarten W. A. Wijntjes and Sylvia C. Pont. Pointing in pictorial space: Quantifying the perceived relative depth structure in mono and stereo images of natural scenes. *ACM Transactions on Applied Perception*, 7(4):24:1–24:??, July 2010. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Wang:2014:OGL**
- [WPDH14] Rui I. Wang, Brandon Pelfrey, Andrew T. Duchowski, and Donald H. House. Online 3D gaze localization on stereoscopic displays. *ACM Transactions on Applied Perception*, 11(1):3:1–3:??, April 2014. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Wang:2016:AIH**
- [WTWN16] Yingying Wang, Jean E. Fox Tree, Marilyn Walker, and Michael Neff. Assessing the impact of hand motion on virtual character personality. *ACM Transactions on Applied Perception*, 13(2):9:1–9:??, March 2016. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Wilkie:2011:MLC**
- [WWA11] Richard M. Wilkie, John P. Wann, and Robert S. Allison. Modeling locomotor control: The advantages of mobile gaze. *ACM Transactions on Applied Perception*, 8(2):9:1–9:??, January 2011. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Yu:2004:MLI**
- [YB04] Chen Yu and Dana H. Ballard. A multimodal learning interface for grounding spoken language in sensory perceptions. *ACM Transactions on Applied Perception*, 1(1):57–80, July 2004. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Yildiz:2013:FAP**
- [YBC13] Zeynep Cipiloglu Yildiz, Abdullah Bulbul, and Tolga Capin.

- A framework for applying the principles of depth perception to information visualization. *ACM Transactions on Applied Perception*, 10(4):19:1–19:??, October 2013. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Yu:2009:PIA**
- [YCK⁺09] Insu Yu, Andrew Cox, Min H. Kim, Tobias Ritschel, Thorsten Grosch, Carsten Dachsbaecher, and Jan Kautz. Perceptual influence of approximate visibility in indirect illumination. *ACM Transactions on Applied Perception*, 6(4):24:1–24:??, September 2009. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Ziat:2012:EVM**
- [ZAAC12] Mounia Ziat, Carmen Au, Amin Haji Abolhassani, and James J. Clark. Enhancing visuospatial map learning through action on cellphones. *ACM Transactions on Applied Perception*, 9(1):5:1–5:??, March 2012. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Zana:2006:FRB**
- [ZC06] Yossi Zana and Roberto M. Cesar, Jr. Face recognition based on polar frequency features. *ACM Transactions on Applied Perception*, 3(1):62–82, January 2006. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Ziemek:2012:EEO**
- [ZCRTW12] Tina Ziemek, Sarah Creem-Regehr, William Thompson, and Ross Whitaker. Evaluating the effectiveness of orientation indicators with an awareness of individual differences. *ACM Transactions on Applied Perception*, 9(2):7:1–7:??, June 2012. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Zibrek:2015:EEM**
- [ZHRM15] Katja Zibrek, Ludovic Hoyet, Kerstin Ruhland, and Rachel McDonnell. Exploring the effect of motion type and emotions on the perception of gender in virtual humans. *ACM Transactions on Applied Perception*, 12(3):11:1–11:??, July 2015. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Zhan:2013:MDF**
- [ZLO13] Ce Zhan, Wanqing Li, and Philip Ogunbona. Measuring the degree of face familiarity based on extended NMF. *ACM Transactions on Applied Perception*, 10(2):8:1–8:??, May 2013. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- Zhang:2012:MAV**
- [ZNWK12] Ruimin Zhang, Anthony Nordman, James Walker, and Scott A. Kuhl. Minification affects verbal- and action-based distance judgments differently

- in head-mounted displays. *ACM Transactions on Applied Perception*, 9(3):14:1–14:??, July 2012. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- | |
|-----------------------|
| Zhang:2015:DFA |
|-----------------------|
- [ZOH⁺15] Tingting Zhang, Louise O’hare, Paul B. Hibbard, Harold T. Nefs, and Ingrid Heynderickx. Depth of field affects perceived depth in stereographs. *ACM Transactions on Applied Perception*, 11(4):18:1–18:??, January 2015. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).
- | |
|----------------------|
| Zhao:2013:API |
|----------------------|
- [ZZ13] Mingtian Zhao and Song-Chun Zhu. Abstract painting with interactive control of perceptual entropy. *ACM Transactions on Applied Perception*, 10(1):5:1–5:??, February 2013. CODEN ????. ISSN 1544-3558 (print), 1544-3965 (electronic).